

File 347:JAPIO Oct 1976-2003/Feb(Updated 030603)

(c) 2003 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2003/Jun W04

(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030626,UT=20030619

(c) 2003 WIPO/Univentio

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200341

(c) 2003 Thomson Derwent

Set	Items	Description
S1	22	AU='HAY N':AU='HAY N W' OR AU='HAY NORMAN'
S2	6	AU='SCHLACHTENHAUFEN':AU='SCHLACHTENHAUFEN JOHN JEFFREY'
S3	107	AU='ULRICH J' OR AU='ULRICH J F' OR AU='ULRICH JAMES F':AU='ULRICH JAMES FRANCIS'
S4	14	AU='BARNETT B' OR AU='BARNETT B H' OR AU='BARNETT BRUCE H'
S5	14	AU='BARCLAY R' OR AU='BARCLAY R A' OR AU='BARCLAY ROBERT A-NDREW'
S6	14	(S1 OR S2 OR S3 OR S4 OR S5) AND CROP? ?

6/5/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01401460

APPARATUS AND METHODS FOR SELECTING FARMS TO GROW A CROP OF INTEREST
APPARAT UND VERFAHREN ZUM AUSWAHLEN VON LANDWIRTSCHAFTLICHEN BETRIEBEN FÜR
DEN ANBAU EINER FELDFRUCHT
DISPOSITIFS ET PROCÉDES POUR LA SÉLECTION D'EXPLOITATIONS APPROPRIÉES À UNE
CULTURE DONNÉE

PATENT ASSIGNEE:

Renessen LLC, (3269930), 3000 Lake Side Drive, 300 S, Bannockburn, IL
60015, (US), (Applicant designated States: all)

INVENTOR:

HAY, Norman, 2855 Somerset Lane, Orono, MN 55356, (US)

SCHLACHTENHAUFEN, John, Jeffrey, 1204 Inverlieth Road, Lake Forest, IL
60045, (US)

ULRICH, James, Francis, 11 East Louis Avenue, Lake Forest, IL 60045,
(US)

BARNETT, Bruce, H., 671 South Balmoral Court, Lake Forest, IL 60045,
(US)

BARCLAY, Robert, Andrew, 21038 Woodbury Court, Hawthorn Woods, IL 60047
, (US)

PATENT (CC, No, Kind, Date):

WO 200203307 020110

APPLICATION (CC, No, Date): EP 2001950488 010626; WO 2001US20294 010626

PRIORITY (CC, No, Date): US 215982 P 000705; US 626576 000727

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-019/00

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020306 A2 International application. (Art. 158(1))

Application: 020306 A2 International application entering European
phase

LANGUAGE (Publication, Procedural, Application): English; English; English

6/5/2 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00750029

STARCH AND MILLED GRAIN WITH A NOVEL GENOTYPE
STARKE UND GEMAHLENES KORN MIT EINEM NEUEN GENOTYP
AMIDON ET GRAIN MOULUE PRESENTANT UN GENOTYPE NOUVEAU
PATENT ASSIGNEE:

E.I. DU PONT DE NEMOURS AND COMPANY, (200580), 1007 Market Street,
Wilmington Delaware 19898, (US), (Proprietor designated states: all)

INVENTOR:

PEARLSTEIN, Richard Warren, 12 Canoe Court, Newark, DE 19702-2302, (US)

ULRICH, James Francis, 113 West Shetland Court, Newark, DE 197111, (US)

LEGAL REPRESENTATIVE:

Dzieglewska, Hanna Eva et al (73231), Frank B. Dehn & Co., European
Patent Attorneys, 179 Queen Victoria Street, London EC4V 4EL, (GB)

PATENT (CC, No, Kind, Date): EP 765111 A1 970402 (Basic)

EP 765111 B1 990825

WO 9535027 951228

APPLICATION (CC, No, Date): EP 95923702 950614; WO 95US7056 950614

PRIORITY (CC, No, Date): US 261564 940617

DESIGNATED STATES: DE; ES; FR; IT; LU

INTERNATIONAL PATENT CLASS: A01H-005/10

CITED PATENTS (EP B): EP 372358 A; WO 94/22291 A; US 5009911 A

CITED REFERENCES (EP B):

GLOVER AND MERTZ 'Nutritional Quality of Cereal Grains; Genetic and
agronomic improvement' 1987, R.A. OLSON AND K.J. FREY EDS., MADISON,

WI, USA Chapter 7: Corn see page 201, line 4 - page 203, line 10 see
page 259, line 3 - page 265, line 15; tables 7.41-7.44 see page 274,
line 9 - page 275

CREECH AND ALEXANDER 'Maize breeding and genetics' , JOHN WILEY & SONS ,
NEW YORK Chapter 16: Breeding for industrial and nutritional Quality in
Maize see the whole document;

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Oppn None: 000809 B1 No opposition filed: 20000526
Application: 960410 A International application (Art. 158(1))
Application: 970402 A1 Published application (A1with Search Report
;A2without Search Report)
Examination: 970402 A1 Date of filing of request for examination:
961121
Examination: 971203 A1 Date of despatch of first examination report:
971020
Change: 980916 A1 Title of invention (German) (change)
Change: 980916 A1 Title of invention (English) (change)
Change: 980916 A1 Title of invention (French) (change)
Change: 981111 A1 Title of invention (German) (change)
Change: 981111 A1 Title of invention (English) (change)
Change: 981111 A1 Title of invention (French) (change)
Grant: 990825 B1 Granted patent

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9934	296
CLAIMS B	(German)	9934	294
CLAIMS B	(French)	9934	341
SPEC B	(English)	9934	6492
Total word count - document A			0
Total word count - document B			7423
Total word count - documents A + B			7423

6/5/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00656598

STARCH AND MILLED GRAIN WITH A NOVEL GENOTYPE

STARKE UND GEMAHLENES KORN MIT EINEM NEUEN GENOTYP

AMIDON ET GRAINE MOULEE A GENOTYPE NOUVEAU

PATENT ASSIGNEE:

E.I. DU PONT DE NEMOURS AND COMPANY, (200580), 1007 Market Street,
Wilmington Delaware 19898, (US), (Proprietor designated states: all)

INVENTOR:

PEARLSTEIN, Richard, Warren, 12 Canoe Court, Newark, DE 19702, (US)

ULRICH, James, Francis , 113 West Shetland Court, Newark, DE 19711, (US)

LEGAL REPRESENTATIVE:

Dzieglewska, Hanna Eva et al (73231), Frank B. Dehn & Co., European
Patent Attorneys, 179 Queen Victoria Street, London EC4V 4EL, (GB)

PATENT (CC, No, Kind, Date): EP 691807 A1 960117 (Basic)

EP 691807 B1 990908

WO 9422291 941013

APPLICATION (CC, No, Date): EP 94911740 940329; WO 94US3398 940329

PRIORITY (CC, No, Date): US 40333 930330

DESIGNATED STATES: ES; FR; IT

INTERNATIONAL PATENT CLASS: A01H-005/10

CITED PATENTS (EP B): EP 372358 A; US 4789557 A; US 5009911 A

CITED REFERENCES (EP B):

R.A.OLSON & K.J.FREY -eds-:"Nutritional quality of cereal grains; Genetic
and agronomic improvement." 1987 AMERICAN SOCIETY OF AGRONOMY, MADISON
USA cited in the application

D.P.WALDEN -ED- 'Maize breeding and genetics' 1978 , JOHN WILEY & SONS ,

NEW YORK Chapter 16, pages 249-264, R.G.CREECH & D.E.ALEXANDER : "
Breeding for industrial and nutritional quality in maize." see the
whole document

STARCH/STARKE, vol.40, no.5, 1988 pages 175 - 177 E.BROCKET ET AL
'Gelatinization characteristics of starch from du, wx, ae and ae wx
endosperm fo sweet corn inbred la5125' cited in the application

J.M.POEHLMAN 'Breeding field crops' 1986 , VAN NOSTRAND REINHOLD , NEW
YORK chapter 18 pages 451-507. : "Breeding corn (maize)" see page 500,
line 9 - page 504, line 2

JOURNAL OF HEREDITY, vol.67, 1976 pages 209 - 214 C.D.BOYER ET AL
'Interaction of the amylose-extender and waxy mutants of maize; dosage
effects' cited in the application;

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Oppn None: 000823 B1 No opposition filed: 20000609
Application: 941228 A International application (Art. 158(1))
Application: 960117 A1 Published application (A1with Search Report
;A2without Search Report)
Examination: 960117 A1 Date of filing of request for examination:
950830
Examination: 960710 A1 Date of despatch of first examination report:
960524
Change: 960918 A1 Representative (change)
Change: 961204 A1 Representative (change)
Change: 980826 A1 Title of invention (German) (change)
Change: 980826 A1 Title of invention (English) (change)
Change: 980826 A1 Title of invention (French) (change)
Grant: 990908 B1 Granted patent

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9936	216
CLAIMS B	(German)	9936	222
CLAIMS B	(French)	9936	253
SPEC B	(English)	9936	6696
Total word count - document A			0
Total word count - document B			7387
Total word count - documents A + B			7387

6/5/4 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00987921

CORN OIL PROCESSING AND PRODUCTS COMPRESSING CORN OIL AND CORN MEAL
OBTAINED FROM CORN

TRAITEMENT D'HUILE DE MAIS ET PRODUITS COMPRENANT DE L'HUILE DE MAIS ET DE
LA SEMOULE DE MAIS OBTENUS A PARTIR DE MAIS

Patent Applicant/Assignee:

RENESSEN LLC, 3000 Lakeside Drive, Suite 300S, Bannockburn, IL 60015, US,
US (Residence), US (Nationality), (For all designated states except:
US)

CARGILL INCORPORATED, 15407 McGinty Road West, Wayzata, MN 55391, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

JAKEL Neal Torrey, 530 East Burr Oak Drive, Lake Zurich, IL 60047, US, US
(Residence), US (Nationality), (Designated only for: US)

KOTOWSKI Doug, 200 Nathan Lane North Apt. 158, Plymouth, MN 55441, US, US
(Residence), US (Nationality), (Designated only for: US)

INGVALSON Joel, 4740 York Avenue South, Minneapolis, MN 55410, US, US
(Residence), US (Nationality), (Designated only for: US)

AMORE Francis, 3630 Urbandale Lane N, Plymouth, MN 55446, US, US
(Residence), US (Nationality), (Designated only for: US)

BEAVER Michael J, 8767 Ridge Ponds Drive, Victoria, MN 55386, US, US

(Residence), US (Nationality), (Designated only for: US)
FOX Eugene J, 6707 Morrow Drive, Dayton, OH 45415, US, US (Residence), US
(Nationality), (Designated only for: US)
PATIST Alexander, 15720 Rockford Road #303, Plymouth, MN 55446, US, US.
(Residence), US (Nationality), (Designated only for: US)
TUPY Michael J, 8332 32nd Place North, Crystal, MN 55427, US, US
(Residence), US (Nationality), (Designated only for: US)
~~ULRICH James F., 11 East Louis Avenue, Lake Forest, IL 60045, US, US~~
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

BRADY Matthew O (et al) (agent), Leydig, Voit & Mayer, LTD., Two
Prudential Plaza, Suite 4900, 180 North Stetson, Chicago, IL 60601-6780
, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200316441 A1 20030227 (WO 0316441)
Application: WO 2002US1282 20020115 (PCT/WO US0201282)
Priority Application: US 2001927836 20010810

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C11B-001/04

International Patent Class: C11B-001/10; A23K-001/16; A23K-001/18;
A23D-009/00; A23L-001/10; A23L-001/30; A23L-002/52; C10L-001/18;
C08L-099/00; B02B-001/00; C12P-007/06

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 22323

English Abstract

Corn oil and corn meal obtained from corn are included in useful products. The corn oil is extracted from the corn to form the corn meal. The corn grain process generally includes the steps of cracking corn grain having a total oil content of from about 3 % by weight to about 30 % by weight and extracting a corn oil from the cracked corn grain. The corn oil is useful for making nutritionally enhanced edible oil or cooking oil, lubricants, biodiesel, fuel, cosmetics and oil-based or oil-containing chemical products. The extracted corn meal is useful for making enhanced animal feed rations, snack food, blended food products, cosmetics, and fermentation broth additive.

French Abstract

L'invention concerne de l'huile de maïs et de la semoule de maïs obtenus à partir de maïs, et intégrés à des produits utiles. Cette huile de maïs est extraite à partir de maïs pour former de la semoule de maïs. Le procédé de traitement des grains de maïs comprend généralement les étapes consistant à écraser les grains de maïs présentant une teneur en huile totale comprise environ entre 3 % en poids et environ entre 30 % en poids, et à extraire de l'huile de maïs à partir des grains de maïs écrasés. Cette huile de maïs est utile pour élaborer de l'huile comestible améliorée sur le plan nutritif ou de l'huile de cuisson, des lubrifiants, du biodiesel, du carburant, des cosmétiques et des produits chimiques à base d'huile ou contenant de l'huile. La semoule de maïs extraite est utile pour élaborer des rations d'alimentation pour animaux améliorées, des en-cas, des produits alimentaires mélangés, des cosmétiques et des additifs de bouillon de fermentation.

Legal Status (Type, Date, Text)

Publication 20030227 A1 With international search report.

6/5/5 (Item 2 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00987920

PRODUCTS COMPRISING CORN OIL AND CORN MEAL OBTAINED FROM CORN
PRODUITS COMPRENANT DE L'HUILE DE MAIS ET DE LA SEMOULE DE MAIS, OBTENUS A
PARTIR DE MAIS

Patent Applicant/Assignee:

RENESSEN LLC, 3000 Lakeside Drive, Suite 300 South, Bannockburn, IL 60015
, US, US (Residence), US (Nationality), (For all designated states
except: US)

CARGILL INCORPORATED, 15407 McGinty Road West, Wayzata, MN 55391, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

ULRICH James Francis , 11 East Louis Avenue, Lake Forest, IL 60045, US,
US (Residence), US (Nationality), (Designated only for: US)

JAKEL Neal Torrey, 530 East Burr Oak Drive, Lake Zurich, IL 60047, US, US
(Residence), US (Nationality), (Designated only for: US)

INGVALSON Joel, 4740 York Avenue South, Minneapolis, MN 55410, US, US
(Residence), US (Nationality), (Designated only for: US)

AUFDEMBRINK Brent, 4537 Medina Lake Drive, Medina, MN 55340, US, US
(Residence), US (Nationality), (Designated only for: US)

TUPY Michael J, 8332 32nd Place N, Crystal, MN 55427, US, US (Residence),
US (Nationality), (Designated only for: US)

AMORE Francis, 3630 Urbandale Lane N, Plymouth, MN 55446, US, US
(Residence), US (Nationality), (Designated only for: US)

BEAVER Michael J, 8767 Ridge Ponds Drive, Victoria, MN 55386, US, US
(Residence), US (Nationality), (Designated only for: US)

FOX Eugene J, 6707 Morrow Drive, Dayton, OH 45415, US, US (Residence), US
(Nationality), (Designated only for: US)

KOTOWSKI Douglas C, 200 Nathan Lane North Apt. 158, Plymouth, MN 55441,
US, US (Residence), US (Nationality), (Designated only for: US)

LOHRMANN Troy T, 828 Longwood Drive, Lake Villa, IL 60046, US, US
(Residence), US (Nationality), (Designated only for: US)

PATIST Alexander, 15720 Rockford Road #303, Plymouth, MN 55446, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

BRADY Matthew O (et al) (agent), Leydig, Voit & Mayer, LTD., Two
Prudential Plaza, Suite 4900, 180 North Stetson, Chicago, IL 60601-6780
, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200315535 A1 20030227 (WO 0315535)

Application: WO 2002US981 20020115 (PCT/WO US0200981)

Priority Application: US 2001927836 20010810

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: A23K-001/16

International Patent Class: C11B-001/04; C11B-001/10; A23D-009/00;

B02B-001/00; C10L-001/18; C08L-099/00; C12P-007/06

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 13009

English Abstract

Methods of manufacturing and processing corn oil and corn meal obtained from whole corn are included in useful products. The corn oil is extracted from the whole corn to form the corn meal. The corn oil generally comprises levels of nutrients not found in commercially available corn oils, since most or all of the corn grain, rather than just the germ, is exposed to the extraction process. The corn grain generally includes the steps of flaking corn grain having a total oil content of from about 3 % to about 6 % and extracting a corn oil from the flaked corn grain.

French Abstract

L'invention concerne des procedes de fabrication et de traitement d'huile de maïs et de semoule de maïs, obtenus a partir de grains de maïs, et integres dans des produits utiles. L'huile de maïs est extraite a partir de grains de maïs pour former de la semoule de maïs. Cette huile de maïs comprend generalement des niveaux de nutriments que l'on ne trouve habituellement pas dans des huiles de maïs disponibles dans le commerce, puisque la plupart ou la totalite des grains de maïs, plutot que simplement leur germe, est exposee au processus d'extraction. Le procede de traitement des grains de maïs comprend generalement l'etape de floconnage de grains de maïs presentant une teneur en huile totale comprise environ entre 3 % et 6 %, et l'etape d'extraction d'huile de maïs a partir de grains de maïs floconnes.

Legal Status (Type, Date, Text)

Publication 20030227 A1 With international search report.

6/5/6 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00881499

PRODUCTS COMPRISING CORN OIL AND CORN MEAL OBTAINED FROM HIGH OIL CORN
PRODUITS CONTENANT DE L'HUILE ET DE LA SEMOULE DE MAIS OBTENUS A PARTIR DE
MAIS A FORTE TENEUR EN HUILE

Patent Applicant/Assignee:

RENESSEN LLC, 3000 Lakeside Dr., Suite 300S, Bannockburn, IL 60015, US,
US (Residence), US (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

ULRICH James Francis, 11 East Louis Ave., Lake Forest, IL 60045, US, US
(Residence), US (Nationality), (Designated only for: US)
JAKEL Neal Torrey, 530 E. Burr Oak Dr., Lake Zurich, IL 60047, US, US
(Residence), US (Nationality), (Designated only for: US)
DYER Daniel Jeffrey, 22874 Ridgewood Lane, Kildeer, IL 60047, US, US
(Residence), US (Nationality), (Designated only for: US)
LOHRMANN Troy Thomas, 828 Longwood Dr., Lake Villa, IL 60036, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

MATOS Rick (agent), Innovar, L.L.C., P.O. Box 250647, Plano, TX
75025-0647, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200213624 A1 20020221 (WO 0213624)

Application: WO 2000US22207 20000811 (PCT/WO US0022207)

Priority Application: WO 2000US22207 20000811

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: A23K-001/00

Publication Language: English

Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 14781

English Abstract

Corn oil and corn meal obtained from high oil corn are included in useful products. The corn oil is extracted from the high oil corn to form the corn meal. The corn oil generally comprises levels of nutrients not found in commercially available corn oils, since most or all of the corn grain, rather than just the germ, is exposed to the extraction process. The corn grain generally includes the steps of flaking corn grain having a total oil content of at least about 8 % and extracting a corn oil from the flaked corn grain. The corn oil is useful for making nutritionally enhanced edible oil or cooking oil, lubricants, biodiesel, fuel, cosmetics and oil-based or oil-containing chemical products. The extracted corn meal is useful for making enhanced animal feed rations, snack food, blended food products, cosmetics, and fermentation broth additive.

French Abstract

L'huile et la semoule de maïs issues de maïs a forte teneur en huile rentrent dans la composition de produits très utiles. L'huile de maïs est extraite de maïs a forte teneur en huile afin de former la semoule de maïs. Cette huile de maïs possède des concentrations de nutriments que l'on ne trouve pas dans les huiles de maïs vendues dans le commerce et ce, dans la mesure où la majeure partie du grain sinon le grain tout entier est soumis à une opération d'extraction et non pas seulement le germe. Les grains de maïs, dont la teneur totale en huile est d'au moins 8 % environ, sont floconnés et l'huile est extraite de ces flocons. Cette huile de maïs se révèle des plus utile dans la fabrication d'huile comestible ou d'huile de cuisson à pouvoir nutritif renforcé, de lubrifiants, de bio-diesel, de combustibles, de produits cosmétiques ainsi que de produits chimiques à base d'huile ou contenant de l'huile. La semoule de maïs ainsi extraite s'avère des plus utile dans la fabrication de rations alimentaires améliorées pour animaux, de produits à grignoter, de produits alimentaires composés, de cosmétiques et d'additifs de fermentation pour bouillons.

Legal Status (Type, Date, Text)

Publication 20020221 A1 With international search report.

Examination 20021219 Request for preliminary examination prior to end of 19th month from priority date

6/5/7 (Item 4 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rights reserved.

00880507 **Image available**

PRODUCTS COMPRISING CORN OIL AND CORN MEAL OBTAINED FROM HIGH OIL CORN
PRODUITS COMPRENANT DE L'HUILE DE MAÏS ET TOURTEAU DE MAÏS OBTENU À PARTIR
DE MAÏS RICHE EN HUILE

Patent Applicant/Assignee:

RENESSEN LLC, Suite 300S, 3000 Lakeside Drive, Bannockburn, IL 60015, US,
US (Residence), US (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

ULRICH James Francis, 11 East Louis Avenue, Lake Forest, IL 60045, US,
US (Residence), US (Nationality), (Designated only for: US)
JAKEL Neal Torrey, 530 East Burr Oak Drive, Lake Zurich, IL 60047, US, US
(Residence), US (Nationality), (Designated only for: US)
LOHRMANN Troy Thomas, 828 Longwood Drive, Lake Villa, IL 60036, US, US
(Residence), US (Nationality), (Designated only for: US)
MC WILLIAMS Paul J, 4745 Ruby Avenue, Racine, WI 53402, US, US

(Residence), US (Nationality), (Designated only for: US)
TUPY Michael J, 8332 32nd Place N, Crystal, MN 55427, US, US (Residence),
US (Nationality), (Designated only for: US)
BEAVER Michael J, 8767 RidgeBonds Drive, Victoria, MN 55386, US, US
(Residence), US (Nationality), (Designated only for: US)
AMORE Francis, 3630 Urbandale Lane N, Plymouth, MN 55446, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

BRADY Matthew O (et al) (agent), Leydig, Voit & Mayer, LTD., Two
Prudential Plaza, Suite 4900, 180 North Stetson, Chicago, IL 60601-6780
, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200214459 A2-A3 20020221 (WO 0214459)
Application: WO 2001US25055 20010810 (PCT/WO US0125055)
Priority Application: US 2000637843 20000810

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: A23J-001/14

International Patent Class: C11B-001/04; C11B-001/10; C12P-007/06;
C10L-001/18; B03B-001/00; B07B-004/00; A23K-001/16; A23K-001/18;
A23D-009/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 18705

English Abstract

Corn oil and corn meal obtained from high oil corn are included in useful products. The corn oil is extracted from the high oil corn to form the corn meal. The corn oil generally comprises levels of nutrients not found in commercially available corn oils, since most or all of the corn grain, rather than just the germ, is exposed to the extraction process. The corn grain generally includes the steps of flaking corn grain having a total oil content of at least about 6 wt.% and extracting a corn oil from the flaked corn grain. The corn oil is useful for making nutritionally enhanced edible oil or cooking oil, lubricants, biodiesel, fuel, cosmetics and oil-based or oil-containing chemical products. The extracted corn meal is useful for making enhanced animal feed rations, snack food, blended food products, cosmetics, and fermentation broth additive.

French Abstract

L'huile et le tourteau de maïs, obtenus à partir de maïs riche en huile, sont compris dans des produits utiles. On extrait l'huile de maïs à partir de maïs riche en huile, afin de former le tourteau de maïs. L'huile de maïs comprend généralement des niveaux d'éléments nutritifs n'existant pas dans les huiles de maïs du commerce, étant donné que la plus grande partie du grain de maïs, ou tout le grain, plutôt que simplement le germe, est soumis au processus d'extraction. Le grain de maïs subit généralement les étapes de floconnage du grain, dont la teneur totale en huile est d'au moins 6 % en poids, environ, et d'extraction de l'huile à partir du grain floconné. L'huile de maïs est utile pour fabriquer une huile alimentaire à pouvoir nutritionnel accru, ou une huile de cuisson, des lubrifiants, du Diesel biologique, du carburant, des cosmétiques, et des produits chimiques à base d'huile ou contenant de l'huile. Le tourteau de maïs extrait est utile pour préparer des rations alimentaires animales à pouvoir nutritif accru, des amuse-gueules, des produits alimentaires mélangés, des cosmétiques, ainsi qu'un additif de bouillon de fermentation.

Legal Status (Type, Date, Text)

Publication 20020221 A2 Without international search report and to be republished upon receipt of that report.

Examination 20020502 Request for preliminary examination prior to end of 19th month from priority date

Search Rpt 20020822 Late publication of international search report

Republication 20020822 A3 With international search report.

Republication 20020822 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

6/5/8 (Item 5 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00870074

APPARATUS AND METHODS FOR SELECTING FARMS TO GROW A CROP OF INTEREST
DISPOSITIFS ET PROCEDES POUR LA SELECTION D'EXPLOITATIONS APPROPRIEES A UNE
CULTURE DONNEE

Patent Applicant/Assignee:

RENESSEN LLC, Suite 300, 3000 Lakeside Drive, Bannockburn, IL 60015, US,
US (Residence), US (Nationality)

Inventor(s):

HAY Norman , 2855 Somerset Lane, Orono, MN 55356, US,

SCHLACHTENHAUFEN John Jeffrey, 1204 Inverlieth Road, Lake Forest, IL
60045, US,

ULRICH James Francis , 11 East Louis Avenue, Lake Forest, IL 60045, US,

BARNETT Bruce H , 671 South Balmoral Court, Lake Forest, IL 60045, US,

BARCLAY Robert Andrew , 21038 Woodbury Court, Hawthorn Woods, IL 60047,
US

Legal Representative:

FLIGHT James A (agent), Marshall, O'Toole, Gerstein, Murray & Borun, 6300
Sears Tower, 233 South Wacker Drive, Chicago, IL 60606, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200203307 A2 20020110 (WO 0203307)

Application: WO 2001US20294 20010626 (PCT/WO US0120294)

Priority Application: US 2000215982 20000705; US 2000626576 20000727

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-019/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 14617

English Abstract

French Abstract

Legal Status (Type, Date, Text)

Publication 20020110 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Examination 20020404 Request for preliminary examination prior to end of 19th month from priority date

Examination 20030417 Request for preliminary examination prior to end of
19th month from priority date

6/5/9 (Item 6 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00857784

METHODS AND APPARATUS FOR DEVELOPING AN OPTIMIZED LIVESTOCK PRODUCTION
PLAN, FOR AUTOMATICALLY EXECUTING COMMERCIAL TRANSACTIONS IN SUPPORT
THEREOF AND FOR ANALYZING ECONOMIC FACTORS PERTAINING THERETO
PROCEDES ET APPAREIL PERMETTANT DE DEVELOPPER UN PLAN DE PRODUCTIONS
ANIMALES OPTIMISE AFIN D'EXECUTER AUTOMATIQUEMENT DES TRANSACTIONS
COMMERCIALES QUI LE SOUTIENNENT ET D'ANALYSER LES FACTEURS ECONOMIQUES
QUI S'Y RAPPORTENT

Patent Applicant/Assignee:

RENESSEN LLC, 3000 Lakeside Dr., Suite 300, Bannockburn, IL 60015, US, US
(Residence), US (Nationality)

Inventor(s):

SCHLACHTENHAUFEN John Jeffrey, 1204 Inverlieth Road, Lake Forest, IL
60045, US,

HAY Norman, 2855 Somerset Lane, Orono, MN 55356, US,

ADRIAENS Francis Andre Raymond Michel, 905 Morningside Drive, Lake
Forest, IL 60045, US,

BARCLAY Robert Andrew, 21038 Woodbury Court, Hawthorn Woods, IL 60047,
US,

BARNETT Bruce H, 671 South Balmoral Court, Lake Forest, IL 60045, US

Legal Representative:

FLIGHT James A (agent), Marshall, O'Toole, Gerstein, Murray & Borun, 6300
Sears Tower, 233 South Wacker Drive, Chicago, IL 60606, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200189285 A2 20011129 (WO 0189285)

Application: WO 2001US16269 20010518 (PCT/WO US0116269)

Priority Application: US 2000205405 20000519; US 2000610391 20000705

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UB UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 26013

English Abstract

French Abstract

Legal Status (Type, Date, Text)

Publication 20011129 A2 With declaration under Article 17(2)(a); without
classification and without abstract; title not
checked by the International Searching Authority.

Examination 20020214 Request for preliminary examination prior to end of
19th month from priority date

6/5/10 (Item 7 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00316872

**STARCH AND GRAIN WITH A NOVEL GENOTYPE
AMIDON ET GRAIN PRESENTANT UN GENOTYPE NOUVEAU**

Patent Applicant/Assignee:

E I DU PONT DE NEMOURS AND COMPANY,
PEARLSTEIN Richard Warren,
ULRICH James Francis,

Inventor(s):

PEARLSTEIN Richard Warren,
ULRICH James Francis

Patent and Priority Information (Country, Number, Date):

Patent: WO 9535027 A1 19951228

Application: WO 95US7056 19950614 (PCT/WO US9507056)

Priority Application: US 94261564 19940617

Designated States: AM AU BB BG BR BY CA CN CZ EE FI GE HU IS JP KG KP KR KZ
LK LR LT LV MD MG MN MX NO NZ PL RO RU SG SI SK TJ TM TT UA US UZ VN KE
MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG
CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: A01H-005/10

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7298

English Abstract

Grain, produced by a starch bearing plant, which is homozygous recessive for the waxy gene and heterozygous for the amylose extender gene and also one of the dull, sugary, or shrunken genes yields a starch with novel functional properties which can be utilized for foodstuffs and other applications without chemical modifications.

French Abstract

Un grain, produit par une plante comportant de l'amidon qui est homozygote recessif pour le gene dont l'aspect brillant et heterozygote pour le gene prolongateur de l'amylose et aussi pour l'un des genes codant l'aspect mat, rehausseur du gout sucre ou contracte, fournit un amidon aux proprietes fonctionnelles nouvelles qui peut etre utilise pour les produits alimentaires et dans d'autres applications sans modification chimique.

6/5/11 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00304447

**CORN PLANTS AND PRODUCTS WITH IMPROVED OIL COMPOSITION
MAIS ET PRODUITS A COMPOSITION HUILEUSE AMELIOREE**

Patent Applicant/Assignee:

E I DU PONT DE NEMOURS AND COMPANY,
LETO Kenneth Joseph,
ULRICH James Francis,

Inventor(s):

LETO Kenneth Joseph,
ULRICH James Francis

Patent and Priority Information (Country, Number, Date):

Patent: WO 9522598 A2 19950824

Application: WO 95US2076 19950215 (PCT/WO US9502076)

Priority Application: US 94196622 19940215

Designated States: AM AU BB BG BR BY CA CN CZ EE FI GE HU JP KG KP KR KZ LK
LR LT LV MD MG MN MX NO NZ PL RO RU SI SK TJ TT UA US UZ VN KE MW SD SZ
UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA
GN ML MR NE SN TD TG

Main International Patent Class: A01H-001/02
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 15527

English Abstract

This invention relates to corn (*Zea mays* L.) seed and grain having a significantly higher oleic acid content than conventional corn by virtue of heritable genes for increased oil and oleic acid content and/or lowered levels of linoleic acid. The present invention also relates to the production of high oil, high oleic grain, its oil, its progeny and its use.

French Abstract

L'invention concerne des semences et des graines de maïs (*Zea mays* L.) presentant une teneur en acide oleique nettement superieure a celle du maïs conventionnel grace a des genes hereditaires destines a accroitre la teneur en huile et en acide oleique et/ou a reduire la teneur en acide linoleique. La presente invention concerne egalement la production de graines a forte teneur en huile et en acide oleique, leur huile, leurs lignees et leurs utilisations.

6/5/12 (Item 9 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00274115

STARCH AND GRAIN WITH A NOVEL GENOTYPE

AMIDON ET GRAINE A GENOTYPE NOUVEAU

Patent Applicant/Assignee:

E I DU PONT DE NEMOURS AND COMPANY,

Inventor(s):

PEARLSTEIN Richard Warren,

ULRICH James Francis

Patent and Priority Information (Country, Number, Date):

Patent: WO 9422291 A1 19941013

Application: WO 94US3398 19940329 (PCT/WO US9403398)

Priority Application: US 9340333 19930330

Designated States: AU BB BG BR BY CA CN CZ FI GE HU JP KG KP KR KZ LK LV MD

MG MN MW NO NZ PL RO RU SD SI SK TJ TT UA UZ VN AT BE CH DE DK ES FR GB

GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: A01H-005/10

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7503

English Abstract

isain, produced by a starch bearing plant, which is heterozygous for the dull gene and homozygous recessive for the waxy and the amylose extender genes. The invention also relates to starch with novel functional properties obtained from such grain which can be utilized for foodstuffs and other applications without chemical modifications.

French Abstract

L'invention se rapporte a une graine, produite par une plante recelant de l'amidon, qui est heterozygote pour le gene terne et homozygote recessive pour les genes cireux et les genes extenseurs d'amylose. L'invention se rapporte egalement a l'amidon ayant de nouvelles proprietes fonctionnelles obtenues a partir de cette graine et qui peut etre utilise pour des denrees alimentaires et dans d'autres applications sans modifications chimiques.

6/5/13 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014436892 **Image available**

WPI Acc No: 2002-257595/200230

Related WPI Acc No: 2000-524535; 2003-341083

XRAM Acc No: C02-076697

Corn meal for use in production of ethanol, bio-diesel, bio-degradable product, feed for aqua-culture and animals comprises remaining meal after extraction of oil from whole high oil corn

Patent Assignee: RENESSEN LLC (RENE-N)

Inventor: AMORE F; BEAVER M J; JAKEL N T; LOHRMANN T T; MC WILLIAMS P J;

TUPY M J; ULRICH J F

Number of Countries: 097 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200214459	A2	20020221	WO 2001US25055	A	20010810	200230 B
AU 200183255	A	20020225	AU 200183255	A	20010810	200245
EP 1307110	A2	20030507	EP 2001962041	A	20010810	200332
			WO 2001US25055	A	20010810	

Priority Applications (No Type Date): US 2000637843 A 20000810

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
-----------	------	--------	----------	--------------

WO 200214459	A2 E	63	C11B-000/00	
--------------	------	----	-------------	--

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200183255	A		C11B-000/00	Based on patent WO 200214459
--------------	---	--	-------------	------------------------------

EP 1307110	A2 E		A23J-001/14	Based on patent WO 200214459
------------	------	--	-------------	------------------------------

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): WO 200214459 A2

NOVELTY - A corn meal comprises meal remaining after extraction of oil from whole high oil corn (WHOC).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) processing of WHOC, which involves conditioning tempered and cracked WHOC, flaking cracked corn and extracting flaked corn to produce corn meal and corn oil;

(2) production of ethanol, which involves combining corn meal with water and alpha-amylase enzyme, incubating the mixture along with at least one additive and mixing the combined mixture with a microorganism capable of fermenting a carbon source to produce ethanol;

(3) a bio-diesel comprising corn oil produced by extraction of oil from WHOC;

(4) recovering lighter particles generated during process of WHOC, which involves separating lighter particles from heavier particles by passing a stream of gas over the corn particle, such that lighter particle are carried away in the gas stream;

(5) a bio-degradable product having made from solvent extracted corn meal;

(6) a feed comprising corn meal produced by solvent extraction of oil from WHOC; and

(7) corn oil having remained after extraction of flaked corn from WHOC.

USE - For use in production of ethanol, bio-diesel, bio-degradable product, feed for aqua-culture and animals, preferably chicken feed (all claimed), and also as cooking oil, paper and paper product

production, and preparation of numerous food products, such as salad dressings, extruded and/or puffed snacks, sweeteners, cereals, chips, puddings, candies and breads.

ADVANTAGE - Feed products prepared using extracted corn meal contain relatively higher percentage of protein and lower percentage of oil. The method of obtaining corn oil and solvent extracted corn meal from high oil corn effectively provides greater overall content of corn oil and concentrates protein in meal. The corn oil-based products obtained using the extracted corn oil, containing higher proportion of beta-carotene, xanthophyll and tocotrienol, additionally contains vinegar, spices, vitamins, salts, hydrogen and water. The corn oil additionally contains solvent-extractable nutrients present in endosperms. The corn meal and corn oil having rapidly and efficiently extracted on commercial basis from high oil corn by novel flaking oil processing method, are widely utilized in animal feeds and human foods. The increase in flaking efficiency of corn grain increases the oil content of corn oil. The method of extracting corn meal by extraction of high oil corn, enables production of meal having specific oil level depending on the extent of oil extraction. The corn oil and corn meal have a high nutrient profile. The extracted corn oil having improved cloud point performance and chemical stability, is utilized as raw material for chemical modification, component of bio-degradable plastic, blended food product, edible oil or cooking oil, lubricant, bio-diesel, snacks and cosmetics, and also as raw-material of fermentation process. The animal feed containing the extracted corn oil and low-fat corn meal, had excellent physical properties, such as bulk density, texture, pellet-ability, moisture holding capacity and unique nutritional properties, better digestibility, storability and nutritional quality. The loose or pelletized corn meal can be effectively combined with meals obtained from soybeans, canola, sunflower, oil seed rape, cotton and other crops.

DESCRIPTION OF DRAWING(S) - The figure shows the total amount ethanol produced and dextrose consumed by yeast grown on yellow dent corn (YD), yellow dent meal (YDM), high oil corn (HDC), and high oil corn meal (HOCM).

pp; 63 DwgNo 1/2

Title Terms: CORN; MEAL; PRODUCE; ETHANOL; BIO; DIESEL; BIO; DEGRADE; PRODUCT; FEED; AQUA; CULTURE; ANIMAL; COMPRISE; REMAINING; MEAL; AFTER; EXTRACT; OIL; WHOLE; HIGH; OIL; CORN

Derwent Class: D13; D23; P41; P43

International Patent Class (Main): A23J-001/14; C11B-000/00

International Patent Class (Additional): A23D-009/00; A23K-001/16;

A23K-001/18; B03B-001/00; B07B-004/00; C10L-001/18; C11B-001/04;

C11B-001/10; C12P-007/06

File Segment: CPI; EngPI

6/5/14 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

014327381 **Image available**

WPI Acc No: 2002-148084/200219

XPX Acc No: N02-112217

Internet-based farms selecting apparatus determines offers to be made to farms for growing specified crop, based on estimation of profits to be earned by farms for growing other crops

Patent Assignee: RENESSEN LLC (RENE-N)

Inventor: BARCLAY R A ; BARNETT B H ; HAY N ; SCHLACHTENHAUFEN J J ; ULRICH J F

Number of Countries: 096 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200203307	A2	20020110	WO 2001US20294	A	20010626	200219 B
US 20020059091	A1	20020516	US 2000215982	P	20000705	200237
			US 2000626576	A	20000727	

US 200243403 A 20020110
AU 200171474 A 20020114 AU 200171474 A 20010626 200237

Priority Applications (No Type Date): US 2000626576 A 20000727; US
2000215982 P 20000705; US 200243403 A 20020110

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200203307 A2 E 74 G06F-019/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20020059091 A1 G06F-017/60 Provisional application US 2000215982

Div ex application US 2000626576
AU 200171474 A G06F-019/00 Based on patent WO 200203307

Abstract (Basic): WO 200203307 A2

NOVELTY - A competition analyzer estimates profits to be earned by
farms for growing a **crop** different from the specified **crop**. An
offer developer determines offers to be made to the farms for growing
the specified **crop**, based on estimation result. A farm selector
selects farms to receive the offer for growing the specified **crop**.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
farm selection method.

USE - For selecting farms for growing specified **crop** through
Internet.

ADVANTAGE - Efficiently determines acreage which will be good
choice for growing specified **crops** and efficiently determines offers
which will be sufficiently attractive to farmers to persuade them to
grow the specified **crop** rather than something else.

DESCRIPTION OF DRAWING(S) - The figure shows a **crop** planning
apparatus.

pp; 74 DwgNo 1/15

Title Terms: BASED; FARM; SELECT; APPARATUS; DETERMINE; OFFER; MADE; FARM;
GROW; SPECIFIED; **CROP**; BASED; ESTIMATE; PROFIT; FARM; GROW; **CROP**

Derwent Class: P11; P12; T01

International Patent Class (Main): G06F-017/60; G06F-019/00

File Segment: EPI; EngPI

File 347:JAPIO Oct 1976-2003/Feb(Updated 030603)

(c) 2003 JPO & JAPIO

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200341

(c) 2003 Thomson Derwent

Set	Items	Description
S1	288383	INCENTIVE? OR REWARD? ? OR MOTIVAT? OR PERK? ? OR PERQUISIT? OR BONUS? OR INDUCE? OR INDUCING OR ENTICE? OR ENTICING OR PERSUAS? OR PERSUAD? OR STIMULUS OR STIMULI? OR INFLUENCE?
S2	2185561	GROW? OR RAIS? OR PLANTED OR PLANTING OR CULTIVAT? OR PRODUCE?
S3	1200169	CROP? ? OR PLANT? ? OR MONEYCROP? OR SPECIES OR PRODUCT? ?
S4	1604995	INTERNET OR WEB OR WWW OR ONLINE OR ELECTRONIC OR NETWORK? OR LAN OR WAN OR ETHERNET OR INTRANET OR INTERACTIV? OR VIRTUAL OR CYBER OR COMPUTERI?
S5	77488	S3(3N) (ONE OR 1 OR SPECIFIC OR PARTICULAR?? OR INDIVIDUAL? OR SINGULAR? OR DEFINITE OR UNIQUE)
S6	40	S1 AND S2 AND S4 AND S5
S7	205	S1 AND (S2(5N)S5)
S8	146	(S1(5N)S2) AND S5
S9	0	S8 AND (IC=(G06F-017/60 OR G06F-019/00) OR MC=(T01-J05A2A - OR T01-N01A2B))
S10	2	S7 AND (IC=(G06F-017/60 OR G06F-019/00) OR MC=(T01-J05A2A - OR T01-N01A2B))
S11	29446	(ONE OR 1 OR SPECIFIC OR PARTICULAR?? OR INDIVIDUAL? OR SINGULAR? OR DEFINITE OR UNIQUE) (2W) (S3 OR TREE OR TREES OR SPECIES OR FLOWER? ? OR FLORA OR GRAIN? ? OR FRUIT? ? OR VEGETABLE? ?)
S12	15	S1 AND S2 AND S4 AND S11
S13	1	S12 NOT (S6 OR S10)
S14	73	((S1(5N)S2) AND S11) NOT (S6 OR S10 OR S13)
S15	18234	(ONE OR 1 OR SPECIFIC OR PARTICULAR?? OR INDIVIDUAL? OR SINGULAR? OR DEFINITE OR UNIQUE) (2W) (CROP? ? OR PLANT? ? OR TREE OR TREES OR SPECIES OR FLOWER? ? OR FLORA OR GRAIN? ? OR FRUIT? ? OR VEGETABLE? ?)
S16	66	((S1(5N)S2) AND S15) NOT (S6 OR S10 OR S13)
S17	22	((S1(5N)S2) (S)S15) NOT (S6 OR S10 OR S13)
S18	329176	FARM? OR PHARM? ? OR PHARMING? OR AGRICULTUR? OR AGRIBUSINESS? OR AGROFORESTRY? OR SODBUSTER? OR GRANGER? OR HUSBANDMAN OR HUSBANDMEN OR PLANTER? ? OR GROWER? OR RANCHER? ?
S19	88	S1 AND S15 AND S18
S20	2	(S1(5N)S18) AND S15

6/TI,PY/1 (Item 1 from file: 347)
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

FLEXIBLE PRINTED CIRCUIT BOARD GROUP AND METHOD FOR TENTATIVELY FIXING SAME

PUBLISHED: April 21, 1995 (19950421)

6/TI,PY/2 (Item 2 from file: 347)
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

NUCLEAR POWER PLANT OPERATION CONTROL SYSTEM

PUBLISHED: June 24, 1994 (19940624)

6/TI,PY/3 (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Liquid crystal switching device for electrooptical cells, comprises liquid crystal which changes orientation with respect to substrate-surface when oxidation state of redox-active group is changed

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200321339	A2	20030313	WO 2002US28080	A	20020904	200331 B
US 20030071949	A1	20030417	US 2001315372	P	20010904	200333
			US 2002234449	A	20020904	

6/TI,PY/4 (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Novel SOX18 polypeptide useful for modulating cell differentiation, vasculogenesis, angiogenesis, hair follicle development, cell proliferation and tumorigenesis

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020142415	A1	20021003	US '2001814777	A	20010323	200315 B

6/TI,PY/5 (Item 3 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Detecting response to damage or disease in plant or crop, useful for diagnosing susceptibility or resistance of plant (e.g. potato, apple or pear) or crop to damage or disease, by detecting Active Oxygen Species in quantitative assay

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200284299	A2	20021024	WO 2002GB1631	A	20020412	200302 B

6/TI,PY/6 (Item 4 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Producing a molecular array with a plurality of molecules immobilized to a solid substrate, useful in genetic analysis, gene expression studies or the detection or typing of single nucleotide polymorphisms in a sample of nucleic acids

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200274988	A2	20020926	WO 2002GB1245	A	20020318	200279 B

6/TI,PY/7 (Item 5 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

New denaturant (e.g. boiling or detergent) stable and/or protease resistant, chaperone-like oligomeric proteins, useful for inducing wound healing, grooming nail or skin, or engineering plants that are tolerant to (a)biotic stress

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200270647	A2	20020912	WO 2002IL174	A	20020305	200279 B
US 20030092624	A1	20030515	US 2001272771	P	20010305	200335
			WO 2002IL174	A	20020305	
			US 2002233409	A	20020904	

6/TI,PY/8 (Item 6 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Determining the presence of neoplastic molecular markers, by identifying the presence of markers in host test sample using array of neoplastic molecular marker specific reagents and analyzing the array of the reagents

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200240716	A2	20020523	WO 2001US43461	A	20011113	200257 B
AU 200226912	A	20020527	AU 200226912	A	20011113	200261
US 20030092009	A1	20030515	US 2000249508	P	20001116	200335
			US 2001992665	A	20011113	

6/TI,PY/9 (Item 7 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Computerized on-line goods retail method involves categorizing search result into price and value saving groups from which single product is selected and retrieved to web server

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020065744	A1	20020530	US 99168101	A	19991130	200257 B
			US 2000726503	A	20001130	

6/TI,PY/10 (Item 8 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Online electronic voucher providing system for promoting goods, selects reseller from a database based on selected product and buyer information

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020038237	A1	20020328	US 2001822450	A	20010330	200246 B
			US 2001682876	A	20011026	
WO 200279941	A2	20021010	WO 2002US9791	A	20020329	200277

6/TI,PY/11 (Item 9 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Photonic device for e.g. optical N-to-N cross-connect comprises silicon semiconductor-based superlattice having repeat units including optically active layer with rare earth ion species

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200213243	A2	20020214	WO 2001US24934	A	20010808	200241 B
US 20020048289	A1	20020425	US 2000223874	P	20000808	200241
			US 2001924392	A	20010807	
AU 200179246	A	20020218	AU 200179246	A	20010808	200244
EP 1310001	A2	20030514	EP 2001957509	A	20010808	200333

6/TI,PY/12 (Item 10 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Multiphoton photosensitizing photoreactive composition by irradiating photoreactive composition comprising reactive species, and multiphoton photoinitiator system containing multiphoton photosensitizer and photoinitiator

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200196409	A2	20011220	WO 2001US19164	A	20010614	200232 B
AU 200168443	A	20011224	AU 200168443	A	20010614	200232
EP 1297021	A2	20030402	EP 2001946384	A	20010614	200325
			WO 2001US19164	A	20010614	
KR 2003011354	A	20030207	KR 2002717095	A	20021214	200339

6/TI,PY/13 (Item 11 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Methods for detecting one or more non-nucleic acid analytes using fusion polypeptides with specificity for the analyte, where the polypeptide comprises first and second inactive functional domains and an analyte binding domain

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200210750	A2	20020207	WO 2001US24182	A	20010731	200226 B
AU 200179135	A	20020213	AU 200179135	A	20010731	200238
US 20020127623	A1	20020912	US 2000222056	A	20000731	200262
			US 2000244764	A	20001031	
			US 2001920607	A	20010731	

6/TI,PY/14 (Item 12 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Production of microfluidic articles for, e.g. capillary array electrophoresis and kinetic inhibition assays, employs simultaneous absorption of at least two photons to reach a reactive, electronic excited state

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200196958	A2	20011220	WO 2001US19180	A	20010614	200223 B
AU 200169837	A	20011224	AU 200169837	A	20010614	200227
EP 1295180	A2	20030326	EP 2001948380	A	20010614	200323
			WO 2001US19180	A	20010614	

6/TI,PY/15 (Item 13 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Expressing protein fragment complementation assay interacting partners in plant for detecting and screening for ligands and/or bioregulators of a plant cellular receptor

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200188168	A2	20011122	WO 2001US15170	A	20010511	200212 B
US 20010047526	A1	20011129	US 2000203937	P	20000512	200212
			US 2001851084	A	20010509	
AU 200161408	A	20011126	AU 200161408	A	20010511	200222

6/TI,PY/16 (Item 14 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

New pheromone receptors from rat, useful in biosensors for e.g. detecting aromas and toxins, also related nucleic acids and antibodies

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200183549	A2	20011108	WO 2001FR1354	A	20010503	200206 B
FR 2808526	A1	20011109	FR 20005651	A	20000503	200206
AU 200158486	A	20011112	AU 200158486	A	20010503	200222

6/TI,PY/17 (Item 15 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Novel 39228 polypeptide (alcohol dehydrogenase-related protein-1) useful as diagnostic targets and therapeutic agents to treat Adh-associated disorders such as alcoholism, cirrhosis, visual disorders, diabetes

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200179489	A2	20011025	WO 2001US12591	A	20010418	200204 B
AU 200151668	A	20011030	AU 200151668	A	20010418	200219
US 20020034783	A1	20020321	US 2000197747	P	20000418	200224
			US 2001838573	A	20010418	

6/TI,PY/18 (Item 16 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Testing method for testing electronics products e.g. on component manufacturing production line

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200142800	A1	20010614	WO 2000FI1076	A	20001207	200165 B
AU 200123747	A	20010618	AU 200123747	A	20001207	200165
FI 9902622	A	20010608	FI 992622	A	19991207	200165
EP 1257833	A1	20021120	EP 2000987496	A	20001207	200301
			WO 2000FI1076	A	20001207	
US 20030109224	A1	20030612	WO 2000FI1076	A	20001207	200340
			US 2002148197	A	20021007	

6/TI,PY/19 (Item 17 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Detecting target single nucleotide polymorphism, by hybridizing target, stabilizer and reporter probes complementary to target on microchip system, so that base-stacking energy is utilized in identifying polymorphism

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010014449	A1	20010816	US 93146504	A	19931101	200158 B
			US 94271882	A	19940707	
			US 94304657	A	19940909	
			US 95534454	A	19950927	
			US 96708262	A	19960906	
			US 97986065	A	19971205	
			US 9830156	A	19980225	
			US 99291129	A	19990412	
US 6468742	B2	20021022	US 9830156	A	19980225	200273
			US 99291129	A	19990412	

6/TI,PY/20 (Item 18 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Method of making thin film by putting substrate under pressure, in particular of semiconductor material as eg. silicon

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2795865	A1	20010105	FR 998379	A	19990630	200148 B
WO 200103171	A1	20010111	WO 2000FR1828	A	20000629	200148
EP 1194951	A1	20020410	EP 2000949578	A	20000629	200232
			WO 2000FR1828	A	20000629	
KR 2002010723	A	20020204	KR 2001716396	A	20011221	200254
JP 2003512719	W	20030402	WO 2000FR1828	A	20000629	200325
			JP 2001508487	A	20000629	

6/TI,PY/21 (Item 19 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Cultivating , characterizing and separating multicellular spheroids in a reactor, employs balancing gravity to localize, select and collect specific sizes and densities

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19953424	A1	20010517	DE 1053424	A	19991106	200136 B

6/TI,PY/22 (Item 20 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Tomato, Arabidopsis and carnation cDNA clones encoding senescence-induced deoxyhypusine synthase and eIF-5a, useful for inhibiting senescence in a plant when introduced in reverse orientation into the genome of the plant

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200102592	A2	20010111	WO 2000US18364	A	20000706	200107 B
AU 200059132	A	20010122	AU 200059132	A	20000706	200125
EP 1200612	A2	20020502	EP 2000945148	A	20000706	200236
			WO 2000US18364	A	20000706	
KR 2002027475	A	20020413	KR 2002700187	A	20020107	200267
US 6538182	B1	20030325	US 99348675	A	19990706	200325
			US 2000597771	A	20000619	
US 20030101488	A1	20030529	US 99348675	A	19990706	200337
			US 2000597771	A	20000619	
			US 2003340583	A	20030113	
US 20030101489	A1	20030529	US 99348675	A	19990706	200337
			US 2000597771	A	20000619	
			US 2003340778	A	20030113	
US 20030106104	A1	20030605	US 99348675	A	19990706	200339
			US 2000597771	A	20000619	
			US 2003340693	A	20030113	
CN 1402790	A	20030312	CN 2000812538	A	20000706	200339
US 20030106101	A1	20030605	US 99348675	A	19990706	200339
			US 2000597771	A	20000619	
			US 2003340580	A	20030113	
US 20030106102	A1	20030605	US 99348675	A	19990706	200339
			US 2000597771	A	20000619	
			US 2003340581	A	20030113	
US 20030106103	A1	20030605	US 99348675	A	19990706	200339
			US 2000597771	A	20000619	
			US 2003340582	A	20030113	

6/TI,PY/23 (Item 21 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Product marketing procedure in e-com transactions, involves registering individuals with marketing system, enabling them to buy products and compensating eligible individuals based on sales of marketing system

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200052617	A1	20000908	WO 2000US5073	A	20000229	200105 B
AU 200037096	A	20000921	AU 200037096	A	20000229	200105
EP 1203334	A1	20020508	EP 2000915907	A	20000229	200238
			WO 2000US5073	A	20000229	
KR 2002026274	A	20020409	KR 2001711218	A	20010903	200267
CN 1359500	A	20020717	CN 2000806932	A	20000229	200268
JP 2003505751	W	20030212	JP 2000602968	A	20000229	200321
			WO 2000US5073	A	20000229	

6/TI,PY/24 (Item 22 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Electronic commerce transaction facilitating method in marketing system, involves allowing access to marketing system products and services to individual after completion of registration

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200052552	A2	20000908	WO 2000US5074	A	20000229	200105 B
AU 200037097	A	20000921	AU 200037097	A	20000229	200105
KR 2002007318	A	20020126	KR 2001711220	A	20010903	200252
JP 2003505751	W	20030212	JP 2000602968	A	20000229	200321
			WO 2000US5073	A	20000229	

6/TI,PY/25 (Item 23 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Novel polynucleotide motor for use in screening test substance, comprises enzyme capable of binding to nucleic acid sequence and translocating the sequence without causing its cleavage

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200071681	A1	20001130	WO 2000GB2034	A	20000525	200104 B
GB 2351083	A	20001220	GB 200012678	A	20000525	200104
AU 200049391	A	20001212	AU 200049391	A	20000525	200115
EP 1180138	A1	20020220	EP 2000931437	A	20000525	200221
			WO 2000GB2034	A	20000525	
US 20020160485	A1	20021031	US 2001992028	A	20011126	200274
JP 2003500047	W	20030107	JP 2000620059	A	20000525	200314
			WO 2000GB2034	A	20000525	

6/TI,PY/26 (Item 24 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Novel mutant amyloid precursor proteins, ABriPP and ADanPP and their DNA sequences are useful for generating transgenic animals for identifying agents that inhibit neurodegeneration associated with Familial British and Danish Dementia

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200071671	A2	20001130	WO 2000US14726	A	20000526	200103 B
AU 200051703	A	20001212	AU 200051703	A	20000526	200115

6/TI,PY/27 (Item 25 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Novel nucleic acids derived from activated eosinophil cells useful for treating allergic diseases such as asthma comprises a specific nucleotide sequence

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200032630	A2	20000608	WO 99US28773	A	19991206	200040 B

AU 200023527 A 20000619 AU 200023527 A 19991206 200044

6/TI,PY/28 (Item 26 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Novel IMX polypeptides useful for treating irritable bowel diseases such as Crohn's disease or ulcerative colitis, and genes encoding them

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200028033	A2	20000518	WO 99US26788	A	19991110	200032 B
AU 200020238	A	20000529	AU 200020238	A	19991110	200041
EP 1131431	A2	20010912	EP 99963894	A	19991110	200155
			WO 99US26788	A	19991110	

6/TI,PY/29 (Item 27 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Testing network models on biological systems by matching measured and defined changes in cellular constituents, e.g. for drug discovery and assessing side effects

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9966067	A1	19991223	WO 99US13749	A	19990617	200011 B
AU 9946935	A	20000105	AU 9946935	A	19990617	200024
US 6132969	A	20001017	US 9899722	A	19980619	200054
EP 1086240	A1	20010328	EP 99930384	A	19990617	200118
			WO 99US13749	A	19990617	
JP 2002518021	W	20020625	WO 99US13749	A	19990617	200243
			JP 2000554875	A	19990617	
AU 750741	B	20020725	AU 9946935	A	19990617	200260

6/TI,PY/30 (Item 28 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Treating selected volumes of plant or animal tissue to provide multi-photon excitation of photo-active agents e.g. for treatment of tumors

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9963900	A1	19991216	WO 99US12056	A	19990528	200010 B
AU 9944100	A	19991230	AU 9944100	A	19990528	200022
EP 1087717	A1	20010404	EP 99927118	A	19990528	200120
			WO 99US12056	A	19990528	
BR 9911161	A	20010424	BR 9911161	A	19990528	200128
			WO 99US12056	A	19990528	
TW 404845	A	20000911	TW 99108985	A	19990531	200129
CN 1310596	A	20010829	CN 99807305	A	19990528	200176
KR 2001083045	A	20010831	KR 2000714012	A	20001209	200215
MX 2000012352	A1	20010601	MX 200012352	A	20001213	200235
JP 2002517419	W	20020618	WO 99US12056	A	19990528	200242
			JP 2000552976	A	19990528	

6/TI,PY/31 (Item 29 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Production of a mineral fiber based web for conversion into a plant growing medium

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9947764	A1	19990923	WO 99DK150	A	19990319	199947 B
AU 9928266	A	19991011	AU 9928266	A	19990319	200008
EP 1064436	A1	20010103	EP 99908778	A	19990319	200102

			WO 99DK150	A	19990319	
CZ 200003196	A3	20010314	WO 99DK150	A	19990319	200117
			CZ 20003196	A	19990319	
SK 200001244	A3	20010409	WO 99DK150	A	19990319	200131
			SK 20001244	A	19990319	
JP 2002506660	W	20020305	WO 99DK150	A	19990319	200220
			JP 2000536934	A	19990319	

6/TI,PY/32 (Item 30 from file: 350)
 DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Imbibant grains for use in bakery, having an extensive capillary network induced in it using osmotically-active solutes

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9937169	A1	19990729	WO 98AU1040	A	19981217	199937 B
AU 9916504	A	19990809	AU 9916504	A	19981217	200001
EP 1061818	A1	20001227	EP 98960897	A	19981217	200102
			WO 98AU1040	A	19981217	
JP 2002500870	W	20020115	WO 98AU1040	A	19981217	200207
			JP 2000528174	A	19981217	
AU 746260	B	20020418	AU 9916504	A	19981217	200238
US 6423355	B1	20020723	WO 98AU1040	A	19981217	200254
			US 2000600677	A	20000720	

6/TI,PY/33 (Item 31 from file: 350)
 DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

New plant point method to determine accurately bordered zonal parts of plant organism is useful in e.g. plant genetics

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9923877	A1	19990520	WO 98SK17	A	19981106	199927 B
AU 9896603	A	19990531	AU 9896603	A	19981106	199941
SK 9701509	A3	20000516	SK 971509	A	19971110	200036

6/TI,PY/34 (Item 32 from file: 350)
 DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Low viscosity, curable silicone sealant compsn. - comprises first and second silicone-contg. materials reactive with each other, polymerisable (meth)acrylate monomer and polymerisation initiator

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9639458	A1	19961212	WO 96US8929	A	19960605	199704 B
US 5605999	A	19970225	US 95463173	A	19950605	199714
EP 777697	A1	19970611	EP 96918102	A	19960605	199728
			WO 96US8929	A	19960605	
US 5656710	A	19970812	US 95481908	A	19950607	199738
BR 9606464	A	19970902	BR 966464	A	19960605	199741
			WO 96US8929	A	19960605	
MX 9700903	A1	19970401	MX 97903	A	19970204	199821
KR 97704829	A	19970906	WO 96US8929	A	19960605	199839
			KR 97700258	A	19970115	
JP 10513499	W	19981222	WO 96US8929	A	19960605	199910
			JP 97501379	A	19960605	
EP 987306	A2	20000322	EP 96918102	A	19960605	200019
			EP 99203652	A	19960605	
EP 777697	B1	20010919	EP 96918102	A	19960605	200155
			WO 96US8929	A	19960605	
			EP 99203652	A	19960605	
DE 69615317	E	20011025	DE 615317	A	19960605	200171
			EP 96918102	A	19960605	

MX 198055 B 20000811 WO 96US8929 A 19960605
MX 97903 A 19960605 200216

6/TI,PY/35 (Item 33 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Multilevel marketing system - carries out marketing activities by providing and maintaining database of participants, each being sponsors for or sponsored by other participants

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9636926	A1	19961121	WO 96NZ46	A	19960520	199701 B
AU 9658473	A	19961129	AU 9658473	A	19960520	199712

6/TI,PY/36 (Item 34 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Residual activation neural network for plant control - uses neural network to predict future error from desired state and applies this to inverse network to derive current control changes

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9325943	A2	19931223	WO 93US5596	A	19930610	199401 B
AU 9344114	A	19940104	AU 9344114	A	19930610	199417
US 5353207	A	19941004	US 92896755	A	19920610	199439
WO 9325943	A3	19940303	WO 93US5596	A	19930610	199515
EP 645025	A1	19950329	EP 93914464	A	19930610	199517
			WO 93US5596	A	19930610	
US 5559690	A	19960924	US 92896755	A	19920610	199644
			US 94307521	A	19940916	
JP 9506986	W	19970708	WO 93US5596	A	19930610	199737
			JP 94501743	A	19930610	
EP 645025	B1	19981104	EP 93914464	A	19930610	199848
			WO 93US5596	A	19930610	
DE 69321952	E	19981210	DE 621952	A	19930610	199904
			EP 93914464	A	19930610	
			WO 93US5596	A	19930610	
US 5859773	A	19990112	US 92896755	A	19920610	199910
			US 94307521	A	19940916	
			US 96717719	A	19960923	
US 6363289	B1	20020326	US 96717719	A	19960923	200226 N
			US 99228962	A	19990112	
US 20020087221	A1	20020704	US 99228962	A	19990112	200247 N
			US 200241157	A	20020108	

6/TI,PY/37 (Item 35 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Automatically regulating individual thickness of co-extruded layers - by sending ultrasonic impulses to combined layers, comparing echo with target values and using deviations to regulate flow of layer concerned

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4203755	A1	19930812	DE 4203755	A	19920210	199333 B
WO 9315897	A1	19930819	WO 93EP301	A	19930209	199334
DE 4203755	C2	19950420	DE 4203755	A	19920210	199520
EP 650409	A1	19950503	EP 93903931	A	19930209	199522
			WO 93EP301	A	19930209	
JP 7503675	W	19950420	JP 93513775	A	19930209	199524
			WO 93EP301	A	19930209	
US 5489402	A	19960206	WO 93EP301	A	19930209	199612
			US 94256998	A	19940729	
JP 2602474	B2	19970423	JP 93513775	A	19930209	199721

			WO 93EP301	A	19930209	
EP 650409	B1	19980513	EP 93903931	A	19930209	199823
			WO 93EP301	A	19930209	
DE 59308550	G	19980618	DE 508550	A	19930209	199830
			EP 93903931	A	19930209	
			WO 93EP301	A	19930209	

6/TI,PY/38 (Item 36 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Low frequency inductive coupled RF plasma reactor - has reactor chamber contains RF induced magnetic field perpendicular to electrode base to which power is supplied to control sheath voltage

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9110341	A	19910711				199130 B
EP 507885	A1	19921014	EP 91904021	A	19910102	199242
			WO 91US1	A	19910102	
JP 5502971	W	19930520	JP 91504099	A	19910102	199325
			WO 91US1	A	19910102	
US 5534231	A	19960709	US 90460707	A	19900104	199633
			US 95374404	A	19950117	
EP 507885	B1	19971203	EP 91904021	A	19910102	199802
			WO 91US1	A	19910102	
DE 69128345	E	19980115	DE 628345	A	19910102	199808
			EP 91904021	A	19910102	
			WO 91US1	A	19910102	
JP 2002237489	A	20020823	JP 91504099	A	19910102	200271
			JP 2001347159	A	19910102	
JP 3381916	B2	20030304	JP 91504099	A	19910102	200324
			WO 91US1	A	19910102	

6/TI,PY/39 (Item 37 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Optical precipitation detection and identification system - has signal processor for separately isolating signals from receiver having frequencies characteristic of rain and snow

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4760272	A	19880726	US 871459	A	19870108	198835 B
GB 2201510	A	19880901	GB 88317	A	19880107	198835
			GB 889597	A	19880422	
GB 2201510	B	19901219				199051
CA 1285044	C	19910618				199129

6/TI,PY/40 (Item 38 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Foucault-current detection of flaws in moving steel web - by differential detector with phase and quadrature servo processing using differential amplifier and demodulator

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8601896	A	19860327				198614 B
FR 2570501	A	19860321				198618
AU 8548645	A	19860408				198626
ZA 8507658	A	19860404				198628
EP 195794	A	19861001	EP 85904643	A	19850920	198640
BR 8506935	A	19861223				198710
ES 8702657	A	19870316	ES 547160	A	19850920	198716
JP 62500683	W	19870319				198717
US 4799010	A	19890117	US 86876854	A	19860520	198906

CA 1250021	A	19890214			198909
EP 195794	B	19901031			199044
DE 3580357	G	19901206			199050
KR 9210293	B1	19921121	WO 85FR258	A	19850920
			KR 86700283	A	19860520

10/TI,PY/1 (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Online electronic voucher providing system for promoting goods, selects
reseller from a database based on selected product and buyer information
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020038237	A1	20020328	US 2001822450	A	20010330	200246 B
			US 2001682876	A	20011026	
WO 200279941	A2	20021010	WO 2002US9791	A	20020329	200277

10/TI,PY/2 (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Identifying plant disease resistance gene (R) or elicitor (E) with
desired property by recombining R and E genes to form nucleic acid
population encoding R protein or E from which desired R protein and E are
detected

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200185909	A2	20011115	WO 2001US14419	A	20010504	200207 B
AU 200159471	A	20011120	AU 200159471	A	20010504	200219
US 20020035739	A1	20020321	US 2000202233	P	20000505	200224
			US 2001849452	A	20010504	

13/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

03032005
MANUFACTURE OF PERMANENT MAGNET

PUB. NO.: 02-007505 [JP 2007505 A]
PUBLISHED: January 11, 1990 (19900111)
INVENTOR(s): AKIOKA KOJI
KOBAYASHI OSAMU
YAMAGAMI TOSHIKAZU
SHIMODA TATSUYA
KAWAI NOBUYASU
APPLICANT(s): SEIKO EPSON CORP [000236] (A Japanese Company or Corporation)
, JP (Japan)
KOBE STEEL LTD [000119] (A Japanese Company or Corporation),
JP (Japan)
APPL. NO.: 63-158424 [JP 88158424]
FILED: June 27, 1988 (19880627)
JOURNAL: Section: E, Section No. 905, Vol. 14, No. 145, Pg. 10, March
19, 1990 (19900319)

...JAPIO CLASS: **Electronic** Components); 12.2 (METALS
ABSTRACT

... performance permanent magnet at a low cost by a method wherein an ingot
having a **specific** average **grain** diameter and having rare-earth
elements, iron and boron as basic components is subjected to...

... as the magnet is held under a high temperature for a long time, crystal
grain **growth** is **induced** and the coercive force is degraded.

17/TI,PY/1 (Item 1 from file: 347)
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

DISINFECTION METHOD OF PLANT SEEDS

PUBLISHED: February 19, 2002 (20020219)

17/TI,PY/2 (Item 2 from file: 347)
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

APPARATUS FOR CULTURING GRIFOLA FRONDOSA

PUBLISHED: June 26, 2001 (20010626)

17/TI,PY/3 (Item 3 from file: 347)
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

METHOD FOR MASS PROLIFERATING GERANIUM YESOENSE FRANCH. ET SAV.

PUBLISHED: February 08, 1994 (19940208)

17/TI,PY/4 (Item 4 from file: 347)
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

METHOD AND DEVICE FOR FORMING THERMALLY SPRAYED COMPOSITE FILM

PUBLISHED: February 23, 1993 (19930223)

17/TI,PY/5 (Item 5 from file: 347)
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

NOVEL CALLUS INDUCING CELL AND PRODUCTION THEREOF

PUBLISHED: January 30, 1989 (19890130)

17/TI,PY/6 (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Species of medicinal herbs possessing generally restorative and
antiinflammatory action

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RU 2195303	C1	20021227	RU 2001119176	A	20010710	200338 B

17/TI,PY/7 (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Inducing tissue cell growth or organ repair in vivo without eliciting an
immune response, useful for marrow stem cell transplantation, comprises
transplanting marrow stem cells into a recipient having tissue and/or
organ damage

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020197240	A1	20021226	US 2001290670	P	20010515	200335 B
			US 2002146092	A	20020515	

17/TI,PY/8 (Item 3 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Aqueous solution for treating plants or animals comprises mineral-based nutrients, B vitamins, acetyl salicylic acid and plant growth inducing hormone or hormone-like compound

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200122822	A1	20010405	WO 99CA878	A	19990924	200130 B
AU 9958434	A	20010430	AU 9958434	A	19990924	200142
			WO 99CA878	A	19990924	
EP 1217893	A1	20020703	EP 99945792	A	19990924	200251
			WO 99CA878	A	19990924	

17/TI,PY/9 (Item 4 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Extensive proliferation of specific plant by tissue culture for use in medicine, involves cultivating shoot apex, inducing multi-budding body, growing, cultivating and rooting in rooting medium

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000253767	A	20000919	JP 9961810	A	19990309	200063 B

17/TI,PY/10 (Item 5 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Nucleic acid encoding maize DNA ligase I, useful for improving transformation efficiency during preparation of transgenic plants

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200029586	A2	20000525	WO 99US26142	A	19991105	200033 B
AU 200013435	A	20000605	AU 200013435	A	19991105	200042
US 6194637	B1	20010227	US 98108793	A	19981117	200114
			US 99425383	A	19991022	
EP 1131439	A2	20010912	EP 99956936	A	19991105	200155
			WO 99US26142	A	19991105	
JP 2002530082	W	20020917	WO 99US26142	A	19991105	200276
			JP 2000582569	A	19991105	

17/TI,PY/11 (Item 6 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Photoluminescent polarizer useful in wide variety of applications, especially display devices

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 933655	A1	19990804	EP 98101520	A	19980129	199935 B
WO 9939222	A1	19990805	WO 99IB137	A	19990126	199938
AU 9918880	A	19990816	AU 9918880	A	19990126	200002
BR 9907993	A	20001024	BR 997993	A	19990126	200058
			WO 99IB137	A	19990126	
EP 1051646	A1	20001115	EP 99900273	A	19990126	200059
			WO 99IB137	A	19990126	
JP 2002502051	W	20020122	WO 99IB137	A	19990126	200211
			JP 2000529622	A	19990126	

17/TI,PY/12 (Item 7 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Enhancing cytochrome P450 and promoting growth in plants by applying oxidase and reductase enzymes or inducing agents

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9912417	A1	19990318	WO 98US19215	A	19980910	199920 B

AU 9893913	A	19990329	AU 9893913	A	19980910	199932
US 6020288	A	20000201	US 92901366	A	19920619	200013
			US 94351348	A	19941209	
			US 95399399	A	19950306	
			US 96610928	A	19960305	
			US 97927415	A	19970911	
EP 1032262	A1	20000906	EP 98947030	A	19980910	200044
			WO 98US19215	A	19980910	
AU 731666	B	20010405	AU 9893913	A	19980910	200125
JP 2001515846	W	20010925	WO 98US19215	A	19980910	200170
			JP 2000510328	A	19980910	

17/TI,PY/13 (Item 8 from file: 350)
 DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

**Inducing resistance to microbial pathogens in seeds of monocot plants -
 by increasing levels of antimicrobial metabolite, useful for production
 of heterologous therapeutic proteins free from mycotoxins**

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9859056	A1	19981230	WO 98US12917	A	19980619	199907 B
AU 9879834	A	19990104	AU 9879834	A	19980619	199921

17/TI,PY/14 (Item 9 from file: 350)
 DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

**Id gene controlling floral induction in maize - useful to create
 transgenic plants with earlier, delayed or inhibited floral induction
 e.g. to extend geographical range of crops**

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9837201	A1	19980827	WO 98US3161	A	19980218	199840 B
AU 9861748	A	19980909	AU 9861748	A	19980218	199905
EP 973907	A1	20000126	EP 98906553	A	19980218	200010
			WO 98US3161	A	19980218	
MX 9907674	A1	19991001	MX 997674	A	19990819	200103
AU 200181508	A	20020103	AU 9861748	A	19980218	200209 N
			AU 200181508	A	20011019	
AU 741854	B	20011213	AU 9861748	A	19980218	200210
BR 9807451	A	20020115	BR 987451	A	19980218	200214
			WO 98US3161	A	19980218	

17/TI,PY/15 (Item 10 from file: 350)
 DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

**DNA for producing transgenic plants - comprises sequence encoding enzyme
 causing localised cell death in plants**

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19621572	A1	19971204	DE 1021572	A	19960529	199803 B
WO 9745547	A2	19971204	WO 97EP2749	A	19970527	199803
AU 9731684	A	19980105	AU 9731684	A	19970527	199821

17/TI,PY/16 (Item 11 from file: 350)
 DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

**Control of soil diseases e.g. bacterial wilt - comprises forcibly
 introducing plant tissue microorganisms having no plant pathogenicity**

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9067218	A	19970311	JP 95221712	A	19950830	199720 B

17/TI,PY/17 (Item 12 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Automatic transplanting system for plant and plug growth growing tray -
has tray with supply cartridge and vacuum system operative to induce
plants to planting area including fields and pots

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5573558	A	19961112	US 91667188	A	19910311	199651 B
			US 93136764	A	19931015	
			US 94178797	A	19940107	

17/TI,PY/18 (Item 13 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Using presence of tfdA gene to select transgenic plants - imparting
resistance to 2,4-dichlorophenoxyacetic acid, esp. sweetgum (Liquidamber)
trees contg. this gene and plantations of them

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9518862	A2	19950713	WO 95US284	A	19950110	199533 B
AU 9516008	A	19950801	AU 9516008	A	19950110	199546
ZA 9410322	A	19951129	ZA 9410322	A	19941227	199601
WO 9518862	A3	19951116	WO 95US284	A	19950110	199621
EP 738326	A1	19961023	EP 95908014	A	19950110	199647
			WO 95US284	A	19950110	
US 5608147	A	19970304	US 94179667	A	19940111	199715
			US 94358117	A	19941215	
JP 9508008	W	19970819	JP 95518660	A	19950110	199743
			WO 95US284	A	19950110	
NZ 279399	A	19971219	NZ 279399	A	19950110	199807
			WO 95US284	A	19950110	
MX 9602691	A1	19980601	MX 962691	A	19960709	200009

17/TI,PY/19 (Item 14 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Ginseng clonal multiplication method - using flower buds induced by
growing dormant root nodules on modified Murashige-Skoog medium, planting
embryoids in variant of same medium

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 1824114	A1	19930630	SU 4848926	A	19900626	199444 B

17/TI,PY/20 (Item 15 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Amino-cyclopropane-carboxylic acid, plant enzyme inducing factor - contg.
n-acetyl chitoooligosaccharide, inducing growth of ethylene

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 63215607	A	19880908	JP 8749809	A	19870304	198842 B

17/TI,PY/21 (Item 16 from file: 350)
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Cholesterol esterase prodn. from specific Pseudomonas species - by
cultivation in presence of inducer, useful as reagent for cholesterol
assay

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
-----------	------	------	-------------	------	------	------

EP 25514	A	19810325			198114	B
DE 2933648	A	19810326			198114	
DK 8003190	A	19810323			198116	
JP 56042586	A	19810420			198123	
ZA 8005072	A	19810706			198143	
DD 152942	A	19811216			198221	
US 4360596	A	19821123			198249	
JP 83002671	B	19830118			198306	
EP 25514	B	19830216			198308	
DE 3062041	G	19830324			198313	
IL 60449	A	19830515			198329	
HU 25311	T	19830628			198331	
SU 1151217	A	19850415	SU 2966345	A	19800815	198544

17/TI,PY/22 (Item 17 from file: 350)
 DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Cultivation of coli and lactic bacteria

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CH 366632	A					196800 B

17/3,K/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04386771

METHOD FOR MASS PROLIFERATING GERANIUM YESOENSE FRANCH. ET SAV.

PUB. NO.: 06-030671-[JP 6030671 A]
PUBLISHED: February 08, 1994 (19940208)
INVENTOR(s): NOMURA YUKIHIRO
SAKURAI AKIO
YASUDA KAZUE
APPLICANT(s): HOUSE FOODS CORP [414685] (A Japanese Company or Corporation)
, JP (Japan)
APPL. NO.: 04-207015 [JP 92207015]
FILED: July 13, 1992 (19920713)
JOURNAL: Section: C, Section No. 1197, Vol. 18, No. 242, Pg. 128, May
10, 1994 (19940510)

ABSTRACT

... bud differentiated from the callus together with a root to a solid culture medium for inducing and growing a specific young plant body, culturing the bud and root under aerating conditions in a container and proliferating the...

17/3,K/9 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013478183

WPI Acc No: 2000-650126/200063

XRAM Acc No: C00-197127

XRPX Acc No: N00-481979

Extensive proliferation of specific plant by tissue culture for use in medicine, involves cultivating shoot apex, inducing multi-budding body, growing, cultivating and rooting in rooting medium

Patent Assignee: SUMITOMO FORESTRY CO LTD (SUMF)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000253767	A	20000919	JP 9961810	A	19990309	200063 B

Priority Applications (No Type Date): JP 9961810 A 19990309

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000253767	A		4 A01H-004/00	

Extensive proliferation of specific plant by tissue culture for use in medicine, involves cultivating shoot apex, inducing multi-budding body, growing, cultivating and rooting in rooting medium

20/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

02598707

PHYSIOLOGICALLY ACTIVE OLIGOSACCHARIDE OF PLANT

PUB. NO.: 63-215607 [JP 63215607 A]
PUBLISHED: September 08, 1988 (19880908)
INVENTOR(s): HYODO HIROSHI
OKADA EMIKO
NANJO FUMIO
SAKAI KAZUO
APPLICANT(s): KYOGYO KUMIAI N F I [491572] (A Japanese Company or
Corporation), JP (Japan)
APPL. NO.: 62-049809 [JP 8749809]
FILED: March 04, 1987 (19870304)
JOURNAL: Section: C, Section No. 557, Vol. 13, No. 3, Pg. 82, January
06, 1989 (19890106)

ABSTRACT

PURPOSE: To obtain a 1-aminocyclopropane-1-carboxylic acid synthase
inducing factor applicable to agricultural chemicals, etc., comprising
comprising N- acetylchitooligosaccharide readily obtained by hydrolyzing
chitin contained in shell of...

... 1-aminocyclopropane-1-carboxylic acid synthase, namely an enzyme
inducing factor causing formation of ethylene, one plant hormone,
comprising an N-acetylchitooligosaccharide, especially hexa-N-acetylchitohe
xaose, producible in a large amount by...

... of crab or prawn with an acid or an enzyme such as chitinase. Ethylene
is one of plant hormone, a factor always formed in a blight reaction of
plant and formed ethylene induces...

20/3,K/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012999196 **Image available**
WPI Acc No: 2000-171048/200015
XRAM Acc No: C00-053173

Plant growth regulating formulations e.g. for stimulating shoot growth in
graminaceous plant species

Patent Assignee: BASF AG (BADI)

Inventor: KING R W; KOBER R; MANDER L N; PHARIS R P; RADEMACHER W;
SCHNEIDER K

Number of Countries: 053 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200002454	A1	20000120	WO 99EP4592	A	19990702	200015 B
AU 9949051	A	20000201	AU 9949051	A	19990702	200028
EP 1094708	A1	20010502	EP 99932788	A	19990702	200125
			WO 99EP4592	A	19990702	
CZ 200100071	A3	20020116	WO 99EP4592	A	19990702	200215
			CZ 200171	A	19990702	
JP 2002520259	W	20020709	WO 99EP4592	A	19990702	200259
			JP 2000558724	A	19990702	
US 6458746	B1	20021001	WO 99EP4592	A	19990702	200268
			US 2001720912	A	20010102	
AU 760962	B	20030522	AU 9949051	A	19990702	200338
NZ 509648	A	20030530	NZ 509648	A	19990702	200341
			WO 99EP4592	A	19990702	

Priority Applications (No Type Date): EP 98112541 A 19980707

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200002454 A1 E 23 A01N-045/00

Designated States (National): AL AU BG BR BY CA CN CZ GE HR HU ID IL IN
JP KR KZ LT LV MK MX NO NZ PL RO RU SG SI SK TR UA US ZA

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GR IE IT
LU MC NL PT SE

AU 9949051 A A01N-045/00 Based on patent WO 200002454

EP 1094708 A1 E A01N-045/00 Based on patent WO 200002454

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

CZ 200100071 A3 A01N-045/00 Based on patent WO 200002454

JP 2002520259 W 32 A01N-043/90 Based on patent WO 200002454

US 6458746 B1 A01N-025/30 Based on patent WO 200002454

AU 760962 B A01N-045/00 Previous Publ. patent AU 9949051

Based on patent WO 200002454

NZ 509648 A A01N-045/00 Based on patent WO 200002454

Abstract (Basic):

... The plant growth regulating formulations can be used in
agriculture and horticulture to induce the desired effects on, for
example, seed germination and seedling growth, rooting, dormancy,
juvenility, maturity...

...16,17-DihydroGA's are used to synergize the biological activity of
exogenously supplied gibberellins. Particularly in graminaceous
species, the compounds synergize the action of exogenous GA's and can,
thus, be used to...

File 348:EUROPEAN PATENTS 1978-2003/Jun W04
(c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20030626,UT=20030619
(c) 2003 WIPO/Univentio

Set	Items	Description
S1	349982	INCENTIVE? OR REWARD? ? OR MOTIVAT? OR PERK? ? OR PERQUISIT? OR BONUS? OR INDUCE? OR INDUCING OR ENTICE? OR ENTICING OR PERSUAS? OR PERSUAD? OR STIMULUS OR STIMULI? OR INFLUENCE?
S2	6996	FARMER? OR PHARMER? OR AGRICULTURALIST? OR SODBUSTER? OR GRANGER? OR HUSBANDMAN OR HUSBANDMEN OR PLANTER? ? OR GROWER? OR RANCHER? ? OR SOWER? ?
S3	899912	GROW? ? OR RAIS? OR PLANTED OR PLANTING OR CULTIVAT? OR SOW? ? OR YIELD? OR HARVEST? OR PRODUCE?
S4	25164	(ONE OR 1 OR SPECIFIC OR PARTICULAR?? OR INDIVIDUAL? OR SINGULAR? OR DEFINITE OR UNIQUE) (2W) (CROP? ? OR PLANT? ? OR TREE OR TREES OR FLOWER? ? OR FLORA OR GRAIN? ? OR FRUIT? ? OR VEGETABLE? ?)
S5	473617	INTERNET OR WEB OR WWW OR ONLINE OR ELECTRONIC OR NETWORK? OR LAN OR WAN OR ETHERNET OR INTRANET OR INTERACTIV? OR VIRTUAL OR CYBER OR COMPUTERI?
S6	6	(S1(5N)S2) AND (S3(5N)S4) AND S5
S7	7	(S1(5N)S2) AND (S3(5N)S4)
S8	1	S7 NOT S6
S9	4	((S1(5N)S3) (10N)S4) AND S2
S10	9	(S2(5N)S3) AND (S1(5N)S4)
S11	96	S1 AND S3 AND S4 AND S5 AND IC=(G06F-017/60 OR G06F-019/00)
S12	7	S11 AND S2

6/TI,PY/1 (Item 1 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

RESOURCE CONSERVATION METHOD
PROCEDE DE CONSERVATION DES RESSOURCES
Publication Year: 2002

6/TI,PY/2 (Item 2 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

APPARATUS AND METHODS FOR SELECTING FARMS TO GROW A CROP OF INTEREST
DISPOSITIFS ET PROCEDES POUR LA SELECTION D'EXPLOITATIONS APPROPRIEES A UNE
CULTURE DONNEE
Publication Year: 2002

6/TI,PY/3 (Item 3 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

METHOD AND SYSTEM FOR ENABLING USE OF CURRENT INFORMATION ABOUT FARMING
DATA
PROCEDE ET SYSTEME POUVANT ETRE MIS EN OEUVRE POUR EXPLOITER DES
INFORMATIONS ACTUALISEES RELATIVES A DES DONNEES AGRICOLES
Publication Year: 1999

6/TI,PY/4 (Item 4 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

PLANT HAVING ALTERED ENVIRONMENTAL STRESS TOLERANCE
PLANTE AYANT UNE TOLERANCE MODIFIEE AU STRESS ENVIRONNEMENTAL
Publication Year: 1999

6/TI,PY/5 (Item 5 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

METHOD FOR TRACKING THE PRODUCTION HISTORY OF FOOD PRODUCTS
PROCEDE PERMETTANT DE REMONTER AUX ORIGINES DE PRODUITS ALIMENTAIRES
Publication Year: 1995

6/TI,PY/6 (Item 6 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

SIGNAL PROCESSING APPARATUS AND METHODS
DISPOSITIF ET PROCEDES DE TRAITEMENT DE SIGNAUX
Publication Year: 1989

6/3,K/3 (Item 3 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00526316 **Image available**

METHOD AND SYSTEM FOR ENABLING USE OF CURRENT INFORMATION ABOUT FARMING DATA

PROCEDE ET SYSTEME POUVANT ETRE MIS EN OEUVRE POUR EXPLOITER DES INFORMATIONS ACTUALISEES RELATIVES A DES DONNEES AGRICOLES

Patent Applicant/Assignee:

AUGHENBAUGH Timothy A,

Inventor(s):

AUGHENBAUGH Timothy A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9957668 A1 19991111

Application: WO 99US9767 19990504 (PCT/WO US9909767)

Priority Application: US 9872442 19980504

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD

RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF

CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 5286

Fulltext Availability:

Detailed Description

Detailed Description

... factors such as tillage practices, pesticides, herbicides, fungicides, fertilizers, soil conditions and weather conditions can **influence** crop yield and characteristics. **Farmers** can better manage the crop and perhaps increase crop yield and certain characteristics of the...of the high cost in both time and money in monitoring production factors for a **specific crop**, a **producer** or farmer is normally limited, or restricts himself, to collecting data on a minimal sample... the CPU and stored in the central memory. The data buttons

4

would be small **electronic** data storage devices for receiving data related to the ...also be directly attached to such apparatus as thermometers, wind gauges and rain gauges.

The **electronic** nature of the data buttons allows for the possibility of protecting the data with a...description and the drawings in which.

Figure I is a front elevational view of an **electronic** data storage device attached

to a module that releasably engages a field validation post;

Figure...data button IO that provides temperature could be directly connected to a thermometer that sends **electronic** signals containing temperature information to the data button IO. The data button IO could also...

6/3,K/4 (Item 4 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00507625

PLANT HAVING ALTERED ENVIRONMENTAL STRESS TOLERANCE

PLANTE AYANT UNE TOLERANCE MODIFIEE AU STRESS ENVIRONNEMENTAL

Patent Applicant/Assignee:

MENDEL BIOTECHNOLOGY INC,

MICHIGAN STATE UNIVERSITY,

STOCKINGER Eric J,

JAGLO-OTTOSEN Kirsten,

ZARKA Daniel,
GILMOUR Sarah Jane,
JIANG Cai-Zhong,
FROMM Michael,
THOMASHOW Michael F,

Inventor(s):

STOCKINGER Eric J,
JAGLO-OTTOSEN Kirsten,
ZARKA Daniel,
GILMOUR Sarah Jane,
JIANG Cai-Zhong,
FROMM Michael,
THOMASHOW Michael F,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9938977 A2 19990805
Application: WO 99US1895 19990128 (PCT/WO US9901895)
Priority Application: US 9818233 19980203; US 9817816 19980203; US
9818235 19980203; US 9817575 19980203; US 9818227 19980203; US 9818234
19980203; US 98198119 19981123

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA
UG US US US US US US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY
KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 35402

Fulltext Availability:

Detailed Description

Detailed Description

... and increasing the productivity of the land. This may be accomplished
by
applying an exogenous **inducer** by a **grower** whenever desired.
Alternatively, a promoter could be used which turns on at a temperature
that...al., Plant Physiol. 102: 1077-1084 (1993); Vasil, V.,
Bio/Technology 10: 667-674 (1993); Wan, Y. and Lemeaux, P., Plant
Physiol.

104: 37-48 (1994), and for Agrobacterium-mediated DNA...officinalis;
Bytebier et al. Proc. Nati. Acad.

Sci. USA 84:5345 (1987)); barley (Hordeum vulgare; Wan and Lemaux,
Plant

Physiol 104:37 (1994)); maize (Zea mays; Gordon-Kamm et al., Plant...
tolerance genes. As more and

more binding protein sequences are identified and the number of
computerized

plant genome databases increase, searching computer databases for
additional sequences encoding binding proteins which regulate...cold or
heat stress. A

promoter region was identified from Genbank by using Nucleotide Search
WWW Entrez at the NCBI with the rd22 as a search word. The sequence for
the...low temperature.

A genomic clone carrying the rd29a promoter was identified by using
Nucleotide Search WWW Entrez at the NCBI with the rd29a as a search
word.

The sequence for the...

...rd29b promoter

A genomic clone carrying the rd29b promoter was identified by using
Nucleotide Search WWW Entrez at the NCBI with the rd29b as a search
word.

The sequence for the...998)). The promoter region of cor47 gene was identified in Genbank by using Nucleotide Search WWW Entrez at the NCBI with the cor47 as a search site near the F-end...A600) of 0.8 is reached.

Prior to transformation, Arabidopsis thaliana seeds (ecotype Columbia) are sown at a density of -- 1 -- 0 -- plants per 4" pot onto Pro-Mix BX potting medium (Hummert International) covered with fiberglass mesh... Cassas, A. et al., Proc. Natl. Acad Sci USA 90: 11212-11216 (1993) and barley (Wan , Y. and Lemeaux, P. Plant Physiol. 104:37-48 (1994) Other direct DNA transfer methods...used. These

90

constructs are also used to transform regenerable barley cells by microprojectile bombardment (Wan and Lemaux, Plant Physiol. 104: 37-48 (1994)). After bombardment the tissues are selected...

...to identify the transgenic embryogenic cells. Transgenic cells are regenerated by standard barley regeneration techniques (Wan and Lemaux Plant Physiol.

104: 37-48 (1994)).

5. Identification of CBF1 Homologs CBF2 and...

6/3,K/5 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00292663

METHOD FOR TRACKING THE PRODUCTION HISTORY OF FOOD PRODUCTS

PROCEDE PERMETTANT DE REMONTER AUX ORIGINES DE PRODUITS ALIMENTAIRES

Patent Applicant/Assignee:

COLEMAN ENVIRONMENTAL SYSTEMS INC,

Inventor(s):

MONTANARI Danny J,

COLEMAN Glenn Melvin,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9510812 A1 19950420

Application: WO 94US11608 19941013 (PCT/WO US9411608)

Priority Application: US 93290 19931014

Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU

JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE

SI SK TJ TT UA UZ VN KE MW SD SZ AT BE CH DE DK ES FR GB GR IE IT LU MC

NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 11247

Fulltext Availability:

Detailed Description

Detailed Description

... and to

compensate ranchers and growers on that basis. This deficiency in the present system rewards raisers and growers for producing products that consumers are not demanding and precludes the establishment of a compensation...contain information in human readable form,, but are preferably capable of being read by an electronic device and of having the information encoded thereon accessed by a computer. As such, labels...is maintained and information garnered throughout the process is kept track of, preferably by using electronic means such as a computer database. Electronic identification means is intended to refer to,, but is not limited to, bar-codes,,

electronic implants, magnetic stripes and other means of identification used to increase both the speed and...into an implantable device, The information encoded is preferably capable of being read by an electronic device and may also be presented on a tag or label in human readable, alpha...transferred, the Animal Tracking Number (A-TN) is recorded on a tag, preferably in an ~~an~~ electronic or computer readable form,, such as a bar-code or magnetic strip, and vital information...from a certain animal, for instance, such classifications can be verified by reference to the computerized record by using the animal's A-TN.

Upon the transfer of an animal...

...of record. If such an agent is not available,, data may be transferred on an electronic medium such as diskette. Another possible means of transfer would include transfer of information over...identify the source of pathogens and to thereby facilitate the recall of products originating from particular distributors, fabrication plants, processing plants, feedlots, raisers, or individual animals.

As consumer tastes and demands change, the number of products making particular...

8/TI,PY/1 (Item 1 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

NOVEL METHODS OF PROTECTING PLANTS FROM PATHOGENS
NOUVEAUX PROCEDES POUR PROTEGER DES PLANTES CONTRE LES PATHOGENES
Publication Year: 2000

9/TI,PY/1 (Item 1 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

BINARY CRYPTOCYTOTOXIC METHOD OF HYBRID SEED PRODUCTION
BINARES CRYPTOCYTOTOXISCHES VERFAHREN ZUR HERSTELLUNG VON HYBRID-SAATGUT
PROCEDE CRYPTOCYTOTOXIQUE BINAIRE DE PRODUCTION DE SEMENCE HYBRIDE
PATENT (CC, No, Kind, Date): EP 540561 A1 930512 (Basic)
EP 540561 B1 981125
WO 9201799 920206

9/TI,PY/2 (Item 1 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

WHOLE CELL ENGINEERING BY MUTAGENIZING A SUBSTANTIAL PORTION OF A STARTING
GENOME, COMBINING MUTATIONS, AND OPTIONALLY REPEATING
MANIPULATION DE CELLULE ENTIERE PAR MUTAGENESE D'UNE PARTIE SUBSTANTIELLE
D'UN GENOME DE DEPART, PAR COMBINAISON DE MUTATIONS ET EVENTUELLEMENT
PAR REPETITION
Publication Year: 2002

9/TI,PY/3 (Item 2 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

WHOLE CELL ENGINEERING BY MUTAGENIZING A SUBSTANTIAL PORTION OF A STARTING
GENOME, COMBINING MUTATIONS, AND OPTIONALLY REPEATING
INGENIERIE CELLULAIRE COMPLETE PAR MUTAGENESE D'UNE PARTIE SUBSTANTIELLE
D'UN GENOME DE DEPART, PAR COMBINAISON DE MUTATIONS ET EVENTUELLEMENT
REPETITION
Publication Year: 2001

9/TI,PY/4 (Item 3 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

NOVEL METHODS OF PROTECTING PLANTS FROM PATHOGENS
NOUVEAUX PROCEDES POUR PROTEGER DES PLANTES CONTRE LES PATHOGENES
Publication Year: 2000

10/TI,PY/1 (Item 1 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

Improvements in and relating to surfaces
Verbesserungen an und in Bezug auf Oberflächen
Améliorations liées aux et concernant des surfaces
PATENT (CC, No, Kind, Date): EP 853234 A1 980715 (Basic)

10/TI,PY/2 (Item 2 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

Dibber drills.
Drillen mit Setzstock.
Semer en ligne avec plantoirs.
PATENT (CC, No, Kind, Date): EP 320248 A1 890614 (Basic)
EP 320248 B1 920909

10/TI,PY/3 (Item 3 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

Crosslinked silicone coatings for botanical seeds.
Vernetzte Silikonüberzüge für botanische Samen.
Revetements en silicones réticulés pour semences botaniques.
PATENT (CC, No, Kind, Date): EP 280400 A2 880831 (Basic)
EP 280400 A3 900516
EP 280400 B1 931208

10/TI,PY/4 (Item 1 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

WHOLE CELL ENGINEERING BY MUTAGENIZING A SUBSTANTIAL PORTION OF A STARTING
GENOME, COMBINING MUTATIONS, AND OPTIONALLY REPEATING
INGENIERIE CELLULAIRE COMPLETE PAR MUTAGENESE D'UNE PARTIE SUBSTANTIELLE
D'UN GENOME DE DEPART, PAR COMBINAISON DE MUTATIONS ET EVENTUELLEMENT
REPETITION
Publication Year: 2001

10/TI,PY/5 (Item 2 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

SORGHUM DWARFING GENES AND METHODS OF USE
GENES NANIFIANTS DU SORGHO ET LEURS PROCEDES D'UTILISATION
Publication Year: 2001

10/TI,PY/6 (Item 3 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

HYBRID SEED PRODUCTION
PRODUCTION DE SEMENCES HYBRIDES
Publication Year: 1999

10/TI,PY/7 (Item 4 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

PLANT TREATMENT PROCESS AND APPARATUS
PROCEDE ET APPAREIL DE TRAITEMENT DE VEGETAUX
Publication Year: 1998

10/TI,PY/8 (Item 5 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

SYNTHETIC CORN HYBRID LP57.1
MAIS HYBRIDE DE SYNTHÈSE LP57.1
Publication Year: 1998

10/TI,PY/9 -----(Item 6 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

METHODS OF USING THE NIM1 GENE TO CONFER DISEASE RESISTANCE IN PLANTS
PROCEDE D'UTILISATION DU GENE NIM1 POUR CONFERER A DES PLANTES UNE
RESISTANCE AUX MALADIES
Publication Year: 1998

12/TI,PY/1 (Item 1 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

RESOURCE CONSERVATION METHOD
PROCEDE DE CONSERVATION DES RESSOURCES
Publication Year: 2002

12/TI,PY/2 (Item 2 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

SYSTEM AND METHOD FOR DEVELOPING A FARM MANAGEMENT PLAN FOR PRODUCTION
AGRICULTURE
SYSTEME ET PROCEDE DE MISE AU POINT D'UN PLAN DE GESTION D'EXPLOITATION
AGRICOLE POUR L'AGRICULTURE PRODUCTIVE
Publication Year: 2002

12/TI,PY/3 (Item 3 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

APPARATUS AND METHODS FOR SELECTING FARMS TO GROW A CROP OF INTEREST
DISPOSITIFS ET PROCEDES POUR LA SELECTION D'EXPLOITATIONS APPROPRIEES A UNE
CULTURE DONNEE
Publication Year: 2002

12/TI,PY/4 (Item 4 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR ANALYSIS OF
GENE EXPRESSION IN HUMAN ADULT LIVER
SONDES D'ACIDE NUCLEIQUE A UN SEUL EXON DERIVEES DU GENOME HUMAIN UTILES
POUR ANALYSER L'EXPRESSION GENIQUE DANS LE FOIE ADULTE HUMAIN
Publication Year: 2001

12/TI,PY/5 (Item 5 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

METHOD AND SYSTEM FOR ENABLING USE OF CURRENT INFORMATION ABOUT FARMING
DATA
PROCEDE ET SYSTEME POUVANT ETRE MIS EN OEUVRE POUR EXPLOITER DES
INFORMATIONS ACTUALISEES RELATIVES A DES DONNEES AGRICOLES
Publication Year: 1999

12/TI,PY/6 (Item 6 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

DELAY COORDINATING SYSTEM FOR AGRICULTURAL MACHINES
SYSTEME DE COORDINATION EN DIFFERE POUR MACHINES AGRICOLES
Publication Year: 1999

12/TI,PY/7 (Item 7 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

OPTIMIZATION OF A RECIPE FOR A SPATIAL ENVIRONMENT
OPTIMISATION D'UNE RECETTE POUR UN ENVIRONNEMENT GEOGRAPHIQUE
Publication Year: 1999

Set	Items	Description
S1	1692	INCENTIVE? OR REWARD? ? OR MOTIVAT? OR PERK? ? OR PERQUISIT? OR BONUS? OR INDUCE? OR INDUCING OR ENTICE? OR ENTICING OR PERSUAS? OR PERSUAD? OR STIMULUS OR STIMULI? OR INFLUENCE?
S2	97	FARMER? OR PHARMER? OR AGRICULTURALIST? OR SODBUSTER? OR GRANGER? OR HUSBANDMAN OR HUSBANDMEN OR PLANTER? ? OR GROWER? OR RANCHER? ? OR SOWER? ?
S3	6549	GROW? ? OR RAIS? OR PLANTED OR PLANTING OR CULTIVAT? OR SOW? ? OR YIELD? OR HARVEST? OR PRODUCE?
S4	72	(ONE OR 1 OR SPECIFIC OR PARTICULAR?? OR INDIVIDUAL? OR SINGULAR? OR DEFINITE OR UNIQUE) (2W) (CROP? ? OR PLANT? ? OR TREE OR TREES OR FLOWER? ? OR FLORA OR GRAIN? ? OR FRUIT? ? OR VEGETABLE? ?)
S5	69597	INTERNET OR WEB OR WWW OR ONLINE OR ELECTRONIC OR NETWORK? OR LAN OR WAN OR ETHERNET OR INTRANET OR INTERACTIV? OR VIRTUAL OR CYBER OR COMPUTERI?
S6	1	S1 AND S4
S7	6	S1 AND S2
S8	1	S2 AND S4
S9	9	S3 AND S4

6/3,K/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00139121

DOCUMENT TYPE: Review

PRODUCT NAMES: TNTmips (496731); MATLAB (241661)

TITLE: Spatial Tools for Pest Management

AUTHOR: Brewster, Carlyle C Holden, Erin L Allen, Jon C

SOURCE: GeoSpatial Solutions, v12 n6 p26(5) Jun 2002

ISSN: 1529-7403

HOME PAGE: <http://www.geospatial-online.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20030330

...While AIPM is based on the idea that the population dynamics of a species are **influenced** by spatial and temporal composition and arrangement of resources, precision insect pest management (PIPM) is...

...technique founded on the principles of precision architecture and homing in on pest populations in **individual crop** fields. The goal of precision agriculture is to optimize the potential of a crop and...

7/3,K/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

01097837 DOCUMENT TYPE: Product

PRODUCT NAME: Commodity Procurement System (097837)

Biwer & Associates Inc (002551)
1050 Walnut Ridge Dr
Hartland, WI 53029-9388 United States
TELEPHONE: (262) 367-5020

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 020724

...Commodity Procurement System is an Oracle-based product that calculates payments and deductions associated with grower receipts. Commodity Procurement System employs hierarchical trees to model payment structures, allowing users to customize...

...hedging/future pricing. It also features crop projection, lab tracking, quality control test, equity calculation, incentive, and reimbursement features. Commodity Procurement System encompasses a Dynamic Calculation Engine, Definable Contracts, and Custom...

7/3,K/2

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00143222 DOCUMENT TYPE: Review

PRODUCT NAMES: E-choupals (804266)

TITLE: Fields of Online Dreams: E-commerce can flourish anywhere if you...

AUTHOR: Sawhney, Mohanbir

SOURCE: CIO, v16 n2 p128(2) Oct 15, 2002

ISSN: 0894-9301

HOME PAGE: <http://www.cio.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20030430

In remote Indian villages, farmers grow the same crops on small plots of land as they have for centuries, but...

...commerce hub combined. E-choupals are run by an operator known as the sanchalak, a farmer recruited by ITC to be the interface between the computer terminal and the farmers. To set up the e-choupals, ITC had to design a hardware solution that includes a desktop computer with power backup through batteries charged with solar panels, and also persuaded 175 local telephone exchanges to upgrade their equipment to support data transmissions; the first upgrades...

...to be streamed, and the transactional abilities of the site were made available to the farmers through the registered sanchalaks. Within two years of launch in June 2000, e-choupal services now reach 600,000 farmers in 6,000 villages through 1,000 kiosks, and ITC sourced \$15 million in soybeans...

7/3,K/3

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00131556

DOCUMENT TYPE: Review

PRODUCT NAMES: Company--Microsoft Corp (850195)

TITLE: Microsoft Makes Gains In Enterprise Markets: But no chance vendor...

AUTHOR: Sliwa, Carol Thibodeau, Patrick

SOURCE: Computerworld, v35 n26 p16(4) Jun 25, 2001

ISSN: 0010-4841

HOME PAGE: <http://www.computerworld.com>

RECORD TYPE: Review

REVIEW TYPE: Company

REVISION DATE: 20020819

...the enterprise mobile computing market. Microsoft dominates the small-business server market and has some **influence** in mid-sized and larger companies, especially in tasks such as file and print services...

...at the high end, according to analysts. Spokespeople for Air Products and Chemicals, Werner Company, **Farmers** Group, Paramount Pictures, and KeyCorp discuss their views of Microsoft's future.

7/3,K/4

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00130601

DOCUMENT TYPE: Review

PRODUCT NAMES: B2B Marketplaces (842338); Agribusiness (836184)

TITLE: Silicon Cornucopia: Agribusiness is pioneering new modes of B2B...

AUTHOR: Memishi, Ruhan

SOURCE: Internet World, v7 n10 p20(3) May 15, 2001

ISSN: 1097-8291

HOME PAGE: <http://www.iw.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20010830

Despite an image to the contrary, **farmers** are early adopters of technology. In fact, 80 percent of **farmers** are connected to the Internet. Factor in long experience with auctions, futures, and options for stocks, and it is unsurprising that **farmers** are tapping online business-to-business (B2B) exchanges. The industry operates on tight margins, and **farmers** look for cost savings at any level of production. However, many expenses are **influenced** by unpredictable factors, such as weather conditions and commodity prices. Online exchanges simplify transactions by providing speedy access to industry information. That said, most **farmers** do not use public B2B exchanges. **Farmers** often have established trading partners with whom they can communicate easily, without using exchanges. Additionally...

...supply chains. XS provides content allowing manufacturers to access inventory information, important in an industry **influenced** by

unpredictable factors. The connection of the entire agricultural supply chain will be key to...

7/3,K/5

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00114966 DOCUMENT TYPE: Review

PRODUCT NAMES: Intranets (836214); Crop Management (830330)

TITLE: Ocean Spray Has Growers Seeing Red
AUTHOR: Jones, Kevin
SOURCE: Interactive Week, v6 n3 p27(1) Jan 18, 1999
ISSN: 1078-7259
HOMEPAGE: <http://www.interactive-week.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20010930

TITLE: Ocean Spray Has Growers Seeing Red

The Ocean Spray company uses an innovative corporate intranet system to help cranberry growers evaluate their crops' color and learn about the capital expenditures, marketing plans, and cutting-edge... specific to the cranberry industry. The intranet has reduced the critical time it takes for growers to find out if their cranberry harvests are ripe enough to qualify for a 5 percent bonus from a week to two hours. The service lets growers make instant decisions about either selling their stock as is, or waiting the required amount of days to let the berries ripen in order to get the bonus. The intranet is being hailed by Ocean Spray growers, which make up 70 percent of all cranberry growers nationwide, as an enormous time- and money-saver that helps large and small growers alike.

7/3,K/6

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00110408 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Excel 2002 (103021); Crystal Ball (017923)

TITLE: Decisioneering and Farmland Industries
AUTHOR: Twenter, Paul
SOURCE: PC AI, v12 n4 p41(3) Jul/Aug 1998
ISSN: 0894-0711
HOMEPAGE: <http://www.pcai.com/pcai>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20020722

...Windows and Decisioneering's Crystal Ball are used by Farmland Industries, one of the largest farmer-owned cooperatives in North America, as part of a system that reports market risk through...

...a given investment position. VAR is an accepted tool for reporting risk, defining the risk-reward ratios of trading desks for resource allocation,

and assessment of trade performance. Farmland must report...

8/3,K/1

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

01771635 DOCUMENT TYPE: Product

PRODUCT NAME: garden.com (771635)

garden.com (668362)
3301 Steck Ave
Austin, TX 78757 United States
TELEPHONE: (512) 532-4000

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20001005

...exclusive Landscape Planner software. They can take a tutorial on garden design, search for a **specific plant**, browse design idea portfolios, and locate **growers**. The Plant Finder can find the perfect plant for a location using the amount of...

9/3,K/1

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

01771635 DOCUMENT TYPE: Product

PRODUCT NAME: garden.com (771635)

garden.com (668362)
3301 Steck Ave
Austin, TX 78757 United States
TELEPHONE: (512) 532-4000

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20001005

...exclusive Landscape Planner software. They can take a tutorial on garden design, search for a **specific plant**, browse design idea portfolios, and locate growers. The Plant Finder can find the perfect plant...

...sun available and the gardener's zip code and preferences. Once the seeds have been **sown** or the plants transplanted, garden.com can send out personalized reminders to users. The site...

9/3,K/2

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

01685569 DOCUMENT TYPE: Product

PRODUCT NAME: LandCADD 2000 (685569)

Eagle Point Software Corp (523721)
4131 Westmark Dr
Dubuque, IA 52002-2627 United States
TELEPHONE: (563) 556-8392

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20010121

...for the easy placement of buildings, utilities, and hardscapes. Landscape Design allows users to create **planting** plans in 2D and 3D simultaneously, allowing them to view their sites in multiple windows...

...and a database for plant materials are provided. The plant database contains information on approximately **1,100 plants**, covering every climatic zone around the world. Plants can be added or removed easily to...

9/3,K/3

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

01077674 DOCUMENT TYPE: Product

PRODUCT NAME: Seed Program 3.0 (077674)

CyberNiche Software (714463)
4271 Carlisle Rd

Gardners, PA 17324-8930 United States
TELEPHONE: (717) 486-8308

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20020330

...Additionally, users can employ the database in defining purchasing lists. Seed Program 3.0 prints **planting** schedules for database entries. The system also offers a wide range of vegetable and herb **planting** information. For example, Seed Program 3.0 provides information on **planting** procedures, crop care, organic pest control, plant diseases, **harvesting**, and crop storage. The system also can be employed as a journal, allowing users to enter notes about **specific crops**. Context-sensitive help is available in all windows. Seed Program 3.0 can be downloaded...

9/3,K/4

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00136332 DOCUMENT TYPE: Review

PRODUCT NAMES: StoryServer (643874); TeamSite (734471); Java (573744)

TITLE: Managing Web Content: Floods of content overrun IT even in hard...

AUTHOR: Ambrosio, Johanna

SOURCE: Application Development Trends, v9 n1 p19(4) Jan 2002

ISSN: 1073-9564

HOME PAGE: <http://www.spgnet.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20020730

...companies that either deployed an off the shelf content management system or built a home- **grown** system. Many are rolling their own using powerful development tools, but some analysts say home- **grown** content management software development projects can become money pits with little genuine return on investment...

...Web content management solutions, including Vignette, Interwoven, Merant, Serena Software, and Rational Software. For instance, 1 -800-Flowers .com at first sought out a shrink-wrapped product and almost purchased one, but decided...

9/3,K/5

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00112575 DOCUMENT TYPE: Review

PRODUCT NAMES: Internet Marketing (835552); Conferencing (830386)

TITLE: E-retailers adopt chat to connect to buyers

AUTHOR: Machlis, Sharon

SOURCE: Computerworld, v32 n50 p1(2) Dec 14, 1998

ISSN: 0010-4841

HOME PAGE: <http://www.computerworld.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20020819

...to add chat technology to their real-time World Wide Web customer services. For instance, 1 -800- **Flowers** launched a chat system in September 1998, and J & R Electronics, a provider of consumer...

...e-mail Web customer service products at \$100 million in 1998, but that market should **grow** to \$650 million by 2001. More advanced products that better integrate with installed phone and...

9/3,K/6

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00109299 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Windows NT Terminal Server Edition (TSE) 4.0
(669993); Solaris Netra J (334707)

TITLE: Windows wrests thin client control
AUTHOR: Raynovich, R Scott
SOURCE: LAN Times, v15 n14 p1(2) Jul 6, 1998
ISSN: 1040-5917
HOMEPAGE: <http://www.lantimes.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20020130

...model for thin client products have now adopted Windows-based products. Many companies, such as 1 -800- **Flowers** and FedEx, have had a major change of heart towards Sun's efforts after many delays and failures to produce products the companies could put to use. In contrast, Microsoft has put together solutions including...

9/3,K/7

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00109278 DOCUMENT TYPE: Review

PRODUCT NAMES: Enliven/Impulse (698512)

TITLE: Firms Put New Spin On Banners
AUTHOR: Vonder, Haar, Steven
SOURCE: Interactive Week, v5 n17 p46(1) May 4, 1998
ISSN: 1078-7259
HOMEPAGE: <http://www.interactive-week.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20020730

Narrative Communications Corporation's Enliven/Impulse and Impulse! Buy Network Incorporated's ad banners are **raising** Internet advertising to a new level. The systems from these two companies will feed customized...

...technology will be offered on a service bureau basis and will be paid sales commissions. 1 -800 **Flowers** , Eddie Bauer, and Godiva Chocolates are among the first to use this service. Impulse! Buy...

9/3,K/8

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00088998

DOCUMENT TYPE: Review

PRODUCT NAMES: Easy Home Gardening Windows (605361)

TITLE: Rakes and pains

AUTHOR: Johnson, Sharlene

SOURCE: HomePC, v3 n5 p155(2) May 1996

ISSN: 1073-1784

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: C

REVISION DATE: 20010930

...feature is the title's Plant Library, which offers photos and information on more than 1,150 **plants** . A search feature lets a potential gardener enter specific criteria to find the best type of vegetables to **grow** in a particular garden spot. A How To section offers practical advice on every aspect...

9/3,K/9

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00077324

DOCUMENT TYPE: Review

PRODUCT NAMES: Better Homes & Gardens Complete Guide to Gardening (533971); 3D Landscape (540871); Complete LandDesigner Multimedia for Gardens (491306)

TITLE: How Does Your Garden Grow?: Landscaping with Your PC

AUTHOR: Trivette, Donald B

SOURCE: PC Magazine, v14 n7 p361(2) Apr 11, 1995

ISSN: 0888-8509

HOME PAGE: <http://www.pcmag.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

REVISION DATE: 20020321

TITLE: How Does Your Garden Grow?: Landscaping with Your PC

...and advanced gardening techniques, as well as the Garden Guide, which is a database of 1,500 **plants** , and full motion animation with narrated text and music.

File 35:Dissertation Abs Online 1861-2003/Jun
(c) 2003 ProQuest Info&Learning
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 65:Inside Conferences 1993-2003/Jun W5
(c) 2003 BLDSC all rts. reserv.
File 2:INSPEC 1969-2003/Jun W4
(c) 2003 Institution of Electrical Engineers
File 233:Internet & Personal Comp. Abs. 1981-2003/May
(c) 2003 Info. Today Inc.
File 474:New York Times Abs 1969-2003/Jun 30
(c) 2003 The New York Times
File 475:Wall Street Journal Abs 1973-2003/Jun 30
(c) 2003 The New York Times
File 99:Wilson Appl. Sci & Tech Abs 1983-2003/May
(c) 2003 The HW Wilson Co.
File 95:TEME-Technology & Management 1989-2003/Jun W3
(c) 2003 FIZ TECHNIK
File 8:Ei Compendex(R) 1970-2003/Jun W4
(c) 2003 Elsevier Eng. Info. Inc.
File 94:JICST-Eplus 1985-2003/Jun W4
(c) 2003 Japan Science and Tech Corp(JST)
File 6:NTIS 1964-2003/Jun W5
(c) 2003 NTIS, Intl Cpyrght All Rights Res
File 34:SciSearch(R) Cited Ref Sci 1990-2003/Jun W5
(c) 2003 Inst for Sci Info
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 7:Social SciSearch(R) 1972-2003/Jun W5
(c) 2003 Inst for Sci Info
File 5:Biosis Previews(R) 1969-2003/Jun W4
(c) 2003 BIOSIS
File 10:AGRICOLA 70-2003/Jun
(c) format only 2003 The Dialog Corporation
File 50:CAB Abstracts 1972-2003/May
(c) 2003 CAB International
File 98:General Sci Abs/Full-Text 1984-2003/May
(c) 2003 The HW Wilson Co.
File 143:Biol. & Agric. Index 1983-2003/May
(c) 2003 The HW Wilson Co
File 144:Pascal 1973-2003/Jun W3
(c) 2003 INIST/CNRS
File 203:AGRIS 1974-2003/May
Dist by NAL, Intl Copr. All rights reserved
File 79:Foods Adlibra(TM) 1974-2002/Apr
(c) 2002 General Mills
File 266:FEDRIP 2003/May
Comp & dist by NTIS, Intl Copyright All Rights Res
File 357:Derwent Biotech Res. 1982-2003/Jun W4
(c) 2003 Thomson Derwent & ISI
File 285:BioBusiness(R) 1985-1998/Aug W1
(c) 1998 BIOSIS
File 481:DELPHES Eur Bus 95-2003/Jun W4
(c) 2003 ACFCI & Chambre CommInd Paris

Set	Items	Description
S1	8210035	INCENTIVE? OR REWARD? ? OR MOTIVAT? OR PERK? ? OR PERQUISIT? OR BONUS? OR INDUCE? OR INDUCING OR ENTICE? OR ENTICING OR PERSUAS? OR PERSUAD? OR STIMULUS OR STIMULI? OR INFLUENCE?
S2	280211	FARMER? OR PHARMER? OR AGRICULTURALIST? OR SODBUSTER? OR GRANGER? OR HUSBANDMAN OR HUSBANDMEN OR PLANTER? ? OR GROWER? OR RANCHER? ? OR SOWER? ?
S3	8500517	GROW? ? OR RAIS? OR PLANTED OR PLANTING OR CULTIVAT? OR SO-W? ? OR YIELD? OR HARVEST? OR PRODUCE?
S4	84771	(ONE OR SPECIFIC OR PARTICULAR?? OR INDIVIDUAL? OR SINGULAR? OR DEFINITE OR UNIQUE) (2W) (CROP? ? OR PLANT? ? OR TREE OR -

TREES OR FLOWER? ? OR FLORA OR GRAIN? ? OR FRUIT? ? OR VEGETABLE? ?)

S5 4735654 INTERNET OR WEB OR WWW OR ONLINE OR ELECTRONIC OR NETWORK?
OR LAN OR WAN OR ETHERNET OR INTRANET OR INTERACTIV? OR VIRTUAL
OR CYBER OR COMPUTERI?
S6 4 (S1(5N)S2) AND (S3(5N)S4) AND S5
S7 10 (S1(5N)S2) AND (S3(5N)S4)
S8 10 RD (unique items)
S9 9 S8 NOT PY>2000
S10 62 (S1(5N)S3) (5N)S4
S11 1 S2 AND S5 AND S10
S12 1 S5 AND S10
S13 0 (S1(5N)S5) AND (S3(5N)S4)
S14 40 (S1(5N)S5) AND S4
S15 28 S14 NOT PY>2000
S16 19 RD (unique items)
S17 49 (S2(5N)S3) AND (S1(S)S4)
S18 36 S17 NOT PY>2000
S19 26 RD (unique items)

6/3,K/1 (Item 1 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2003 The HW Wilson Co. All rts. reserv.

04269527 H.W. WILSON RECORD NUMBER: BGSA00019527 (USE FORMAT 7 FOR
FULLTEXT)

Where have all the farmers gone?.

Halweil, Brian

World Watch v. 13 no5 (Sept./Oct. 2000) p. 12-28

SPECIAL FEATURES: il ISSN: 0896-0615

LANGUAGE: English

COUNTRY OF PUBLICATION: United States

WORD COUNT: 10245

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... 1992, the U.S. Army Corps of Engineers has been developing plans to expand the **network** of locks and dams along the Mississippi River. The Mississippi is the primary conduit for...

...strip-mine their soil and throw long-term investments in the land to the wind. **Farmers** in Iowa will have stronger **incentives** to plow up land along stream banks, triggering faster erosion of topsoil. Their brethren in ...and defines who you are," says Mike Rosemann, a psychologist who runs a farmer counseling **network** in Iowa. "Losing the family farm, or the prospect of losing the family farm, can...that those big-farm advantages are always calculated on the basis of how much of **one crop** the land will **yield** per acre. The greater productivity of a smaller, more complex farm, however, is calculated on...

6/3,K/2 (Item 2 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2003 The HW Wilson Co. All rts. reserv.

04042109 H.W. WILSON RECORD NUMBER: BGSA99042109 (USE FORMAT 7 FOR
FULLTEXT)

When the world's wells run dry.

Postel, Sandra

World Watch v. 12 no5 (Sept./Oct. 1999) p. 30-8

SPECIAL FEATURES: il map ISSN: 0896-0615

LANGUAGE: English

COUNTRY OF PUBLICATION: United States

WORD COUNT: 6734

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... lose 10 percent or more of their water to evaporation. In addition, the large canal **networks** that move water out of reservoirs are often unreliable--they may not deliver enough water...staple of the human diet. Since it takes about 1,000 tons of water to **produce one** ton of **grain** (and a cubic meter of water weighs one metric ton), some 180 million tons of...

...supplies is to use those supplies more efficiently--to get more crop per drop. Few **farmers** have a better combination of **incentive** to conserve and opportunity to innovate than those in northwest Texas. As the Ogallala shrinks...LEPA.

More recently, the district has begun experimenting with drip irrigation of cotton. Using a **network** of perforated plastic tubing installed on or below the surface, drip systems deliver water directly...

6/3,K/3 (Item 3 from file: 98)

DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2003 The HW Wilson Co. All rts. reserv.

03276834 H.W. WILSON RECORD NUMBER: BGSI96026834 (USE FORMAT 7 FOR
FULLTEXT)

**Creeping enclosure: seed legislation, plant breeders' rights and Scottish
potatoes.**

Clunies-Ross, Tracey

The Ecologist (Ecologist) v. 26 (May/June '96) p. 110-14

DOCUMENT TYPE: Feature Article

SPECIAL FEATURES: bibl il ISSN: 0261-3131

LANGUAGE: English

COUNTRY OF PUBLICATION: United Kingdom

WORD COUNT: 4815

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... on their seed supply as they are on moisture, soils and sunlight.
Keeping seed from **one** year's **crop** from which to **grow** the next has
been a tradition worldwide. The new GATT agreement, however, stipulates
that signatory...

...seeds towards protecting and encouraging plant breeders and sellers. It
was thought necessary to provide **incentives** to **farmers** to use new
varieties developed by plant breeders and to discourage them from using
"unsuitable...with each successive planting. But multiplication ensures
that potatoes "breed true", each generation being a **virtual** copy of the
preceding one.

15. Protected varieties include Estima, Cara, Romano, Wilja, Pentland
Squire...

6/3,K/4 (Item 4 from file: 98)

DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2003 The HW Wilson Co. All rts. reserv.

03050641 H.W. WILSON RECORD NUMBER: BGSI95050641 (USE FORMAT 7 FOR
FULLTEXT)

**Mangolds, manure and mixtures: the importance of crop diversity on British
farms.**

Clunies-Ross, Tracey

The Ecologist (Ecologist) v. 25 (Sept./Oct. '95) p. 181-2+

DOCUMENT TYPE: Feature Article

SPECIAL FEATURES: bibl il ISSN: 0261-3131

LANGUAGE: English

COUNTRY OF PUBLICATION: United Kingdom

WORD COUNT: 5109

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... the environment but also of food and people -- and would diminish
the agrochemical industry's **influence** over **farmers** and farm policy. In
the absence of wider changes within farming and food marketing practices...

...laid the foundation for the world's first collection of genetic
material. Today, a worldwide **network** of such gene banks exist, supplying
plant breeders with seeds, plants and plant tissue from...

...ever-growing armoury of chemicals to "protect" against pests.

In organic gardening, for instance, "companion **planting**" -- growing
a row of **one** type of **plant** adjacent to a row of another type to provide
protection, nutrients or some other symbiotic...only for a specific region.
The tendency is, therefore, for large proportions of an area **sown** to any

one crop to be dominated by just a few varieties, at most, of that crop.
The result...

9/3,K/1 (Item 1 from file: 7)
DIALOG(R)File 7:Social SciSearch(R)
(c) 2003 Inst for Sci Info. All rts. reserv.

03360932 GENUINE ARTICLE#: 223FG NO. REFERENCES: 17
**TITLE: Agricultural liberalization and the environment in Southern Europe:
the role of the supply side**
AUTHOR(S): Lekakis JN (REPRINT); Pantzios C
CORPORATE SOURCE: UNIV CRETE, DEPT ECON, GALLOS CAMPUS/RETHIMNON
74100//GREECE/ (REPRINT); NATL AGR RES FDN, /KIFISIA 14562//GREECE/
JOURNAL: APPLIED ECONOMICS LETTERS, 1999, V6, N7 (JUL), P453-458
PUBLISHER: ROUTLEDGE, 11 NEW FETTER LANE, LONDON EC4P 4EE, ENGLAND
LANGUAGE: English DOCUMENT TYPE: Article
(ABSTRACT AVAILABLE)

...ABSTRACT: leaves many more things to be decided. Critics have pointed
out that lower prices may induce farmers either to abandon land
with loss of biodiversity and rural landscape ecology as a result...

...amount of agro-chemicals used does not guarantee environmental
enhancement. Environmental problems are usually location specific and
crop specific. The cultivation of industrial crops is responsible
for serious ecosystem offences in areas around the World. Thus...

9/3,K/2 (Item 1 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2003 CAB International. All rts. reserv.

03244131 CAB Accession Number: 961805695
Herbaceous energy crops: a general survey and a microeconomic analysis.
Caserta, G.; Bartolelli, V.; Mutinati, G.
ENEA, Department of Technological Innovation, Via Anguillarese 301,
00060 Roma, Italy.
Biomass and Bioenergy vol. 9 (1/5): p.45-52
Publication Year: 1995
ISSN: 0961-9534 --
Language: English
Document Type: Journal article

--
... fuel (bioethanol and biooil) production depends on many factors, the
most important being the economic incentive for farmers to cultivate
the new energy crop in place of traditional crops. In order to assess the
conditions which favour the cultivation and selling of specific energy
crops, a simple methodology is proposed, based on calculation of the
threshold price of the energy...

9/3,K/3 (Item 2 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2003 CAB International. All rts. reserv.

02690953 CAB Accession Number: 930666328
**Participatory vs. promotional approaches to tree cultivation on private
land: experiences in the middle hills of Nepal.**
Carter, J.; Gronow, J.
Rural Development Forestry Network, ODA, Regent's College, London NW1
4NS, UK.
Forests, Trees and People Newsletter (No. 19): p.4-9
Publication Year: 1993
ISSN: 1101-4733
Publisher: International Rural Development Centre, Swedish University
of Agricultural Sciences -- Uppsala, Sweden
Language: English
Document Type: Journal article

... tree planting was inevitable, and was centred on a 6-point strategy: identification of model **farmers** ; **motivation** of these **farmers** by project staff; attendance of selected farmers at tree cultivation training courses; compilation of data...

... Dolakha District, central Nepal, where some farmers already had a very detailed knowledge of tree **planting** although interest varied between **individuals** and communities. **Trees** were more commonly **raised** by higher economic categories of households, and planting varied with land type, location and use...

9/3,K/4 (Item 3 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2003 CAB International. All rts. reserv.

01676371 CAB Accession Number: 851828407
Dynamics of cropping pattern in Haryana: a supply response analysis.
Sangwan, S. S.
Developing Economies vol. 23 (2): p.173-186
Publication Year: 1985
ISSN: 0012-1533 --
Language: English
Document Type: Journal article

... the responsiveness of acreage under 12 individual crops with respect to their (1) relative farm **harvest** prices, (2) relative **yield** of **individual crops** , (3) total irrigated area of the region, (4) average rainfall received during the critical periods...

... The model also, through its adjustment coefficient, made it possible to measure the degree of **farmers** ' realization of various **incentives** available to them.

9/3,K/5 (Item 4 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2003 CAB International. All rts. reserv.

01213729 CAB Accession Number: 821885086
An agricultural sector assessment of Malawi.
Moore, J.; Darby, G.; Grover, J.; Jansma, D.; Levine, W.; Scofield, W.
USA, South-East Consortium for International Development, Malawi
Agricultural Sector Assessment Team
160pp.
Publication Year: 1978
Order Number: PN-AAH-179
Publisher: US Agency for International Development. -- Washington DC,
USA
Language: English
Document Type: Miscellaneous

... 9% per year) and she must, therefore, place a high priority on expanding agricultural production, **particularly** by increasing **crop yields** on her limited land base. It appears the most efficient and perhaps equitable approach to this is to upgrade her manpower skills; give **farmers** more **incentives** to invest in good agricultural inputs; conserve and rationally use good natural resources in forestry...

9/3,K/6 (Item 1 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text

(c) 2003 The HW Wilson Co. All rts. reserv.

04269527 H.W. WILSON RECORD NUMBER: BGSA00019527 (USE FORMAT 7 FOR FULLTEXT)

Where have all the farmers gone?.

Halweil, Brian

World Watch v. 13 no5 (Sept./Oct. 2000) p. 12-28

SPECIAL FEATURES: il ISSN: 0896-0615

LANGUAGE: English

COUNTRY OF PUBLICATION: United States

WORD COUNT: 10245

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... strip-mine their soil and throw long-term investments in the land to the wind. **Farmers** in Iowa will have stronger **incentives** to plow up land along stream banks, triggering faster erosion of topsoil. Their brethren in...that those big-farm advantages are always calculated on the basis of how much of **one crop** the land will **yield** per acre. The greater productivity of a smaller, more complex farm, however, is calculated on...

9/3,K/7 (Item 2 from file: 98)

DIALOG(R)File 98:General Sci Abs/Full-Text

(c) 2003 The HW Wilson Co. All rts. reserv.

04042109 H.W. WILSON RECORD NUMBER: BGSA99042109 (USE FORMAT 7 FOR FULLTEXT)

When the world's wells run dry.

Postel, Sandra

World Watch v. 12 no5 (Sept./Oct. 1999) p. 30-8

SPECIAL FEATURES: il map ISSN: 0896-0615

LANGUAGE: English

COUNTRY OF PUBLICATION: United States

WORD COUNT: 6734

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... staple of the human diet. Since it takes about 1,000 tons of water to **produce one** ton of **grain** (and a cubic meter of water weighs one metric ton), some 180 million tons of...

...supplies is to use those supplies more efficiently--to get more crop per drop. Few **farmers** have a better combination of **incentive** to conserve and opportunity to innovate than those in northwest Texas. As the Ogallala shrinks...

9/3,K/8 (Item 3 from file: 98)

DIALOG(R)File 98:General Sci Abs/Full-Text

(c) 2003 The HW Wilson Co. All rts. reserv.

03276834 H.W. WILSON RECORD NUMBER: BGSI96026834 (USE FORMAT 7 FOR FULLTEXT)

Creeping enclosure: seed legislation, plant breeders' rights and Scottish potatoes.

Clunies-Ross, Tracey

The Ecologist (Ecologist) v. 26 (May/June '96) p. 110-14

DOCUMENT TYPE: Feature Article

SPECIAL FEATURES: bibl il ISSN: 0261-3131

LANGUAGE: English

COUNTRY OF PUBLICATION: United Kingdom

WORD COUNT: 4815

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... on their seed supply as they are on moisture, soils and sunlight. Keeping seed from **one** year's **crop** from which to **grow** the next has been a tradition worldwide. The new GATT agreement, however, stipulates that signatory...

...seeds towards protecting and encouraging plant breeders and sellers. It was thought necessary to provide **incentives** to **farmers** to use new varieties developed by plant breeders and to discourage them from using "unsuitable..."

9/3,K/9 (Item 4 from file: 98)

DIALOG(R)File 98:General Sci Abs/Full-Text

(c) 2003 The HW Wilson Co. All rts. reserv.

03050641 H.W. WILSON RECORD NUMBER: BGS195050641 (USE FORMAT 7 FOR FULLTEXT)

Mangolds, manure and mixtures: the importance of crop diversity on British farms.

Clunies-Ross, Tracey

The Ecologist (Ecologist) v. 25 (Sept./Oct. '95) p. 181-2+

DOCUMENT TYPE: Feature Article

SPECIAL FEATURES: bibl il ISSN: 0261-3131

LANGUAGE: English

COUNTRY OF PUBLICATION: United Kingdom

WORD COUNT: 5109

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... the environment but also of food and people -- and would diminish the agrochemical industry's **influence** over **farmers** and farm policy. In the absence of wider changes within farming and food marketing practices...

...ever-growing armoury of chemicals to "protect" against pests.

In organic gardening, for instance, "companion **planting**" -- growing a row of **one** type of **plant** adjacent to a row of another type to provide protection, nutrients or some other symbiotic...only for a specific region. The tendency is, therefore, for large proportions of an area **sown** to any **one** **crop** to be dominated by just a few varieties, at most, of that crop. The result...

11/TI,PY/1 (Item 1 from file: 98)
DIALOG(R)File 98:(c) 2003 The HW Wilson Co. All rts. reserv.

Combating acid deposition and climate change: priorities for Asia.
1999

16/TI/1 (Item 1 from file: 35)
DIALOG(R)File 35:(c) 2003 ProQuest Info&Learning. All rts. reserv.

INTRASPECIFIC VARIATION IN ASPEN PHYTOCHEMISTRY: CAUSES AND CONSEQUENCES
FOR INSECTS (POPULUS TREMULOIDES, LYMANTRIA DISPAR, MALACOSOMA DISSTRIA)

16/TI/2 (Item 2 from file: 35)
DIALOG(R)File 35:(c) 2003 ProQuest Info&Learning. All rts. reserv.

DECIDING WHEN TO DECIDE: ILLINOIS GRAIN FARMERS AT RETIREMENT

16/TI/3 (Item 1 from file: 2)
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.
reserv.

Title: Network-based software-in-the-loop simulation for real-time control
system

16/TI/4 (Item 2 from file: 2)
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.
reserv.

Title: Conductance fluctuations in mesoscopic granular superconductors

16/TI/5 (Item 3 from file: 2)
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.
reserv.

Title: Radon levels in a water distribution network

16/TI/6 (Item 4 from file: 2)
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.
reserv.

Title: The effect of Bi/sub 2/O/sub 3/ content on the microstructure and
electrical properties of ZnO varistor materials

16/TI/7 (Item 5 from file: 2)
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.
reserv.

Title: Some considerations on the state equations of linear active
networks and the network topology

16/TI/8 (Item 1 from file: 34)
DIALOG(R)File 34:(c) 2003 Inst for Sci Info. All rts. reserv.

Title: KRAFT PULP QUALITIES OF 11 RADIATA PINE CLONES

16/TI/9 (Item 2 from file: 34)
DIALOG(R)File 34:(c) 2003 Inst for Sci Info. All rts. reserv.

Title: DIFFUSION OF SILICON AND GALLIUM (AS AN ANALOG FOR ALUMINUM)
NETWORK-FORMING CATIONS AND THEIR RELATIONSHIP TO VISCOSITY IN ALBITE
MELT

16/TI/10 (Item 1 from file: 50)

DIALOG(R)File 50:(c) 2003 CAB International. All rts. reserv.

Kraft pulp qualities of eleven radiata pine clones. --

16/TI/11 (Item 2 from file: 50)

DIALOG(R)File 50:(c) 2003 CAB International. All rts. reserv.

The problem of quality grading in horticultural crops: an ergonomics perspective. --

16/TI/12 (Item 1 from file: 98)

DIALOG(R)File 98:(c) 2003 The HW Wilson Co. All rts. reserv.

Effects of global changes on above- and belowground biodiversity in terrestrial ecosystems: implications for ecosystem functioning.

16/TI/13 (Item 2 from file: 98)

DIALOG(R)File 98:(c) 2003 The HW Wilson Co. All rts. reserv.

Plant cell biology in the new millennium: new tools and new insights.

16/TI/14 (Item 3 from file: 98)

DIALOG(R)File 98:(c) 2003 The HW Wilson Co. All rts. reserv.

Quantifying biodiversity: experience with parataxonomists and digital photography in Papua New Guinea and Guyana.

16/TI/15 (Item 4 from file: 98)

DIALOG(R)File 98:(c) 2003 The HW Wilson Co. All rts. reserv.

Balanced growth in aquatic plants: myth or reality?.

16/TI/16 (Item 5 from file: 98)

DIALOG(R)File 98:(c) 2003 The HW Wilson Co. All rts. reserv.

Creating and restoring wetlands.

16/TI/17 (Item 6 from file: 98)

DIALOG(R)File 98:(c) 2003 The HW Wilson Co. All rts. reserv.

The ecogeography of andean potatoes.

16/TI/18 (Item 7 from file: 98)

DIALOG(R)File 98:(c) 2003 The HW Wilson Co. All rts. reserv.

Dynamics of granular material.

16/TI/19 (Item 8 from file: 98)

DIALOG(R)File 98:(c) 2003 The HW Wilson Co. All rts. reserv.

Free trade and farm fallacies: from the Uruguay Round to the World Food Summit.

16/3,K/2 (Item 2 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2003 ProQuest Info&Learning. All rts. reserv.

903980 ORDER NO: AAD86-00296

DECIDING WHEN TO DECIDE: ILLINOIS GRAIN FARMERS AT RETIREMENT

Author: ROPER, ROY ERNEST
Degree: PH.D.
Year: 1985
Corporate Source/Institution: UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
(0090)
Source: VOLUME 46/11-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 3399. 374 PAGES

...control styles. The aim was to display common factors (historical, cultural, technological, and environmental) which **influenced** farm management styles, social **networks**, and growth and change in families and **individuals**. Locating Illinois **grain** farmers in time and space injected a sense of continuity of the past with the...

16/3,K/3 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

7301007 INSPEC Abstract Number: C2002-07-7420D-020

Title: Network-based software-in-the-loop simulation for real-time control system

Author(s): Wook Hyun Kwon; Seong-Gyu Choi; Ki Baek Kim
Author Affiliation: Sch. of Electr. Eng., Seoul Nat. Univ., South Korea
Conference Title: Proceedings of the 14th World Congress. International Federation of Automatic Control Part vol.13 p.391-6 vol.13
Editor(s): Chen, H-F.; Cheng, D-Z.; Zhang, J-F.
Publisher: Elsevier Sci, Kidlington, UK
Publication Date: 1999 Country of Publication: UK 17
vol. (x+257+543+xiii+573+xii+567+555+545+xiii+587+xii+467+497+xi+445+xii+529+xiii+591+603+xii+547) pp.

ISBN: 0 08 043223 9 Material Identity Number: XX-2002-00604
Conference Title: Proceedings of 14th World Congress of IFAC 99
Conference Date: 5-9 July 1999 Conference Location: Beijing, China
Language: English
Subfile: C
Copyright 2002, IEE

...Abstract: network. The Ethernet network is investigated in terms of control issues such as sampling interval, **network - induced** time delay, use with multiple I/O points and data synchronization. A performance evaluation of...

... to computation delay and a sampling interval. To reduce the effects of the time delay, **particularly** for fast **plants**, a time-scaling method is introduced for slow and fast motions. It is demonstrated that...

...Identifiers: **network - induced** time delay

16/3,K/11 (Item 2 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2003 CAB International. All rts. reserv.

02105654 CAB Accession Number: 892440590

The problem of quality grading in horticultural crops: an ergonomics perspective.

Miller, K.
AFRC Inst. Engineering Res., Wrest Park, Silsoe, Bedford MK45 4HS, UK.
Conference Title: Contemporary Ergonomics 1989. Proceedings of the Ergonomics Society's Annual Conference, Reading, UK, 3-7 April 1989.

p.74-79
Publication Year: 1989
Publisher: Taylor and Francis -- London, UK
ISBN: 0-85066-484-5
Language: English
Document Type: Conference paper

... working environment. Research work currently being carried out into the handling and grading of 2 **specific crops** (cauliflowers and onions) is reported. The study encompasses the implementation of training programmes, improving the working environment, increasing **motivation** and applying **electronic** technology to the tasks of colour differentiation and determination of bruising severity.

16/3,K/12 (Item 1 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2003 The HW Wilson Co. All rts. reserv.

04504316 H.W. WILSON RECORD NUMBER: BGSA01004316 (USE FORMAT 7 FOR FULLTEXT)

Effects of global changes on above- and belowground biodiversity in terrestrial ecosystems: implications for ecosystem functioning.

Wolters, Volkmar

Silver, Whendee L; Bignell, David E

BioScience (BioScience) v. 50 no12 (Dec. 2000) p. 1089-98

SPECIAL FEATURES: bibl diag tab ISSN: 0006-3568

LANGUAGE: English

COUNTRY OF PUBLICATION: United States

WORD COUNT: 7731

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... to the alteration of structural features. Plant engineering of the soil habitat results primarily from **individual** and **plant** community attributes such as root architecture and vegetation cover (Table 1). Alterations to the disturbance...resources is expected to increase the biomass of the soil microflora and of the food **web** groups **influenced** by both bottom-up control and litter quality (Wardle et al. 1998). Enhanced activity of...

16/3,K/13 (Item 2 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2003 The HW Wilson Co. All rts. reserv.

04273614 H.W. WILSON RECORD NUMBER: BGSA00023614 (USE FORMAT 7 FOR FULLTEXT)

Plant cell biology in the new millennium: new tools and new insights.

Blancaflor, Elison B

Gilroy, Simon

American Journal of Botany (Am J Bot) v. 87 no11 (Nov. 2000) p. 1547-60

SPECIAL FEATURES: bibl il ISSN: 0002-9122

LANGUAGE: English

COUNTRY OF PUBLICATION: United States

WORD COUNT: 15174

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... a functional unit of cork to modern high-resolution DIC video-enhanced microscopy that allows **individual plant** microtubules to be imaged in solution (Moore et al., 1997). However, cell biologists had to...Physiology 116: 279-290.

GRABSKI, S., E. ARNOYS, B. BUSCH, AND M. SCHINDLER. 1995. Aluminum induces rigor within the actin network of soybean cells. Plant Physiology 108: 897-901.

GRABSKI, S., E. ARNOYS, B. BUSCH, AND...

16/3,K/16 (Item 5 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2003 The HW Wilson Co. All rts. reserv..

03808492 H.W. WILSON RECORD NUMBER: BGSI98058492 (USE FORMAT 7 FOR FULLTEXT)

Creating and restoring wetlands.

Mitsch, William J

Wu, Xinyuan; Nairn, Robert W

BioScience (BioScience) v. 48 no12 (Dec. '98) p. 1019-30

SPECIAL FEATURES: bibl il ISSN: 0006-3568

LANGUAGE: English

COUNTRY OF PUBLICATION: United States

WORD COUNT: 8109

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... today, which could sometimes be called "botanical engineering" or "zoological engineering," involves the introduction of **specific** organisms (often **plants**), whose survival becomes the measure of success of the restoration. In the context of wetlands...the 2400 plants introduced to Wetland 1 in May 1994, approximately 28[percent] of the **individual plants** and 92[percent] of the plant species survived for 1 month; survival was slightly lower...Science 260: 1890-1892.

Schindler DE, Carpenter SR, Cole JJ, Kitchell JF, Pace ML. 1997.

Influence of food web structure on carbon exchange between lakes and the atmosphere. Science 277: 248-251.

Schindler DW...

16/3,K/17 (Item 6 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2003 The HW Wilson Co. All rts. reserv..

03774284 H.W. WILSON RECORD NUMBER: BGSI98024284 (USE FORMAT 7 FOR FULLTEXT)

The ecogeography of andean potatoes.

Zimmerer, Karl S

BioScience (BioScience) v. 48 no6 (June '98) p. 445-54

SPECIAL FEATURES: bibl il maps ISSN: 0006-3568

LANGUAGE: English

COUNTRY OF PUBLICATION: United States

WORD COUNT: 7542

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... scales of regions and fields. Seed dispersal through farmers' techniques of field rotation and their **networks** of seed procurement strongly **influences** the geographical structure of these highly diverse potatoes. Conversely, ecological versatility has aided Andean farmers... plants.

The new paradigm also has implications for the relationship between sustainable development, on the **one** hand, and **crop** breeding and agricultural biotechnology, on the other. Useful traits, such as disease resistance and taste...

16/3,K/19 (Item 8 from file: 98)

03508494 H.W. WILSON RECORD NUMBER: BGS197008494 (USE FORMAT 7 FOR
FULLTEXT)

**Free trade and farm fallacies: from the Uruguay Round to the World Food
Summit.**

Watkins, Kevin

The Ecologist (Ecologist) v. 26 (Nov./Dec. '96) p. 244-9+

DOCUMENT TYPE: Feature Article

SPECIAL FEATURES: bibl il ISSN: 0261-3131

LANGUAGE: English

COUNTRY OF PUBLICATION: United Kingdom

WORD COUNT: 9563

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... receive 80 per cent of CAP subsidies. In agriculture, as in other
areas, public subsidies **reward** existing power **networks** rather than meet
public needs.

It is time to stop thinking of agriculture in narrowly...predominant
staple in traditional diets is exempt from the requirements, several
countries have more than **one** staple **crop** . For example, both rice and
maize are food staples in the Philippines, as are beans...

19/TI/1 (Item 1 from file: 35)
DIALOG(R)File 35:(c) 2003 ProQuest Info&Learning. All rts. reserv.

**AN ANALYSIS OF THE ROLE OF THE AGRICULTURAL BANK AND EXTENSION SERVICES ON
THE CHANGING PATTERN OF AGRICULTURE IN AL QASSIM REGION OF SAUDI ARABIA**

19/TI/2 (Item 1 from file: 94)
DIALOG(R)File 94:(c)2003 Japan Science and Tech Corp(JST). All rts.
reserv.

A New Paddy Rice Variety 'Meguriai'.

19/TI/3 (Item 1 from file: 34)
DIALOG(R)File 34:(c) 2003 Inst for Sci Info. All rts. reserv.

**Title: PLANTING SPEED EFFECTS ON STAND ESTABLISHMENT AND GRAIN-YIELD OF
CORN**

19/TI/4 (Item 1 from file: 5)
DIALOG(R)File 5:(c) 2003 BIOSIS. All rts. reserv.

**The role of agroforestry in industrialized nations: The southern hemisphere
perspective with special emphasis on Australia and New Zealand.**

19/TI/5 (Item 1 from file: 50)
DIALOG(R)File 50:(c) 2003 CAB International. All rts. reserv.

Economical issues of the fertilizing in Bulgaria. --

19/TI/6 (Item 2 from file: 50)
DIALOG(R)File 50:(c) 2003 CAB International. All rts. reserv.

Dealing with nutritional factors limiting sorghum production. --

19/TI/7 (Item 3 from file: 50)
DIALOG(R)File 50:(c) 2003 CAB International. All rts. reserv.

**Growth, yield performance and market quality of groundnut (Arachis
hypogaea) as affected by cropping season in southern Sierra Leone. --**

19/TI/8 (Item 4 from file: 50)
DIALOG(R)File 50:(c) 2003 CAB International. All rts. reserv.

**Herbaceous energy crops: a general survey and a microeconomic analysis.
--**

19/TI/9 (Item 5 from file: 50)
DIALOG(R)File 50:(c) 2003 CAB International. All rts. reserv.

**The cereals chain in Kenya: actors, reforms and politics.
Book Title: Markets, civil society and democracy in Kenya. --**

19/TI/10 (Item 6 from file: 50)
DIALOG(R)File 50:(c) 2003 CAB International. All rts. reserv.

**Impact of relative prices of major crops on farmer's decision for
acreage allocation (a case study of NWFP). --**

19/TI/11 (Item 7 from file: 50)
DIALOG(R)File 50:(c) 2003 CAB International. All rts. reserv.

Fertilizer use on smallholder farms in Eastern Province, Zambia.

Research Report - International Food Policy-Research-Institute

19/TI/12 (Item 8 from file: 50)
DIALOG(R)File 50:(c) 2003 CAB International. All rts. reserv.

Participatory vs. promotional approaches to tree cultivation on private land: experiences in the middle hills of Nepal. --

19/TI/13 (Item 9 from file: 50)
DIALOG(R)File 50:(c) 2003 CAB International. All rts. reserv.

Institutional factors and technological innovations: the case of HYV rice in Bangladesh.

Working Papers, Technology and Employment, World Employment Programme Research, International Labour Organization --

19/TI/14 (Item 10 from file: 50)
DIALOG(R)File 50:(c) 2003 CAB International. All rts. reserv.

Farm income distribution and measures of income inequality. --

19/TI/15 (Item 11 from file: 50)
DIALOG(R)File 50:(c) 2003 CAB International. All rts. reserv.

Citrus fruits: a study of sathgudi and lime in Cuddapah district, Andhra Pradesh. --

19/TI/16 (Item 1 from file: 98)
DIALOG(R)File 98:(c) 2003 The HW Wilson Co. All rts. reserv.

Phytoplasma: phytopathogenic mollicutes.

19/TI/17 (Item 2 from file: 98)
DIALOG(R)File 98:(c) 2003 The HW Wilson Co. All rts. reserv.

Bioactive chemicals and biological-biochemical activities and their functions in rhizospheres of wetland plants.

19/TI/18 (Item 3 from file: 98)
DIALOG(R)File 98:(c) 2003 The HW Wilson Co. All rts. reserv.

Evolution of an aphid-parasitoid interaction: variation in resistance to parasitism among aphid populations specialized on different plants.

19/TI/19 (Item 4 from file: 98)
DIALOG(R)File 98:(c) 2003 The HW Wilson Co. All rts. reserv.

Combating acid deposition and climate change: priorities for Asia.

19/TI/20 (Item 5 from file: 98)
DIALOG(R)File 98:(c) 2003 The HW Wilson Co. All rts. reserv.

Terminator technology: the threat to world food security.

AUGMENTED TITLE: genetically modified seeds that produce self-terminating offspring

19/TI/21 (Item 6 from file: 98)

DIALOG(R)File 98:(c) 2003 The HW Wilson Co. All rts. reserv.

Agriculture & the environment: a new strategic vision.

19/TI/22 (Item 7 from file: 98)

DIALOG(R)File 98:(c) 2003 The HW Wilson Co. All rts. reserv.

Water resources: agriculture, the environment, and society.

19/TI/23 (Item 1 from file: 203)

DIALOG(R)File 203:Dist by NAL, Intl Copr. All rights reserved. All rts. reserv.

Development of a walking type sugar cane harvester (Kan phatthana khruang kepkieo oi baep doen tam)

[Proceedings of the first national conference on sugar cane and sugar]
(Raingan kan prachum wichakan oi lae namtan sai haeng chat khrang thi 1)

19/TI/24 (Item 2 from file: 203)

DIALOG(R)File 203:Dist by NAL, Intl Copr. All rights reserved. All rts. reserv.

Economics of direct-seeded rice in Iloilo [Philippines]: lessons from nearly two decades of adoption

19/TI/25 (Item 3 from file: 203)

DIALOG(R)File 203:Dist by NAL, Intl Copr. All rights reserved. All rts. reserv.

Factors influencing crop enterprise choice by smallholders: a case study of Bahr Dar and Yilmana Densa areas

19/TI/26 (Item 4 from file: 203)

DIALOG(R)File 203:Dist by NAL, Intl Copr. All rights reserved. All rts. reserv.

Testing of dependence influence of seed characteristics and diameter of seed plate holes to accuracy of maize planting (Ispitivanje uticaja zavisnosti karakteristika semena i precnika otvora setvenih ploca na preciznost setve kukuruza)

[Proceedings from the 17th scientific meeting, Agricultural engineering POT '90, Opatija [Yugoslavia], 20-27 januar 1990] (17 Naucni skup Poljoprivredna tehnika POT '90 [Zbornik radova], Opatija [Jugoslavija], 20-27 Januar 1990)

19/3,K/1 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2003 ProQuest Info&Learning. All rts. reserv.

828179 ORDER NO: AAD83-28483

AN ANALYSIS OF THE ROLE OF THE AGRICULTURAL BANK AND EXTENSION SERVICES ON THE CHANGING PATTERN OF AGRICULTURE IN AL QASSIM REGION OF SAUDI ARABIA

Author: AL-HUDAITHY ABDULLAH SOLIMAN

Degree: D.A.

Year: 1983

Corporate Source/Institution: UNIVERSITY OF NORTHERN COLORADO (0161)

Source: VOLUME 44/08-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2577. 123 PAGES

...05 level of significance.

Results. Five conclusions were drawn from the findings: (1) Al Qassim farmers presently grow a variety of crops, particularly wheat, vegetables, and fruits, and engage in camel and poultry raising. (2) Farm sizes and production of...

...markets. (4) Al Qassim farmers believe that services provided by the Agricultural Bank were major incentives to begin and continue farming. Extension Services were not considered major incentives. (5) Word of mouth is the primary communication method. A majority of farmers first heard...

19/3,K/2 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2003 Japan Science and Tech Corp(JST). All rts. reserv.

02368167 JICST ACCESSION NUMBER: 95A0620654 FILE SEGMENT: JICST-E

A New Paddy Rice Variety 'Meguriai'.

MAESHIGE MICHIMASA (1); TSUCHIYA TAKAO (1); DOI YOSHIAKI (1); OTAKE SHIGETO (1); UEMOTO SATOSHI (1); KATSUBA ZENNOSUKE (1); SAKAI YASUFUMI (1)

(1) Hiroshimakennogise

Hiroshima Kenritsu Nogyo Gijutsu Senta Kenkyu Hokoku (Bulletin of the Hiroshima Prefectural Agriculture Research Center), 1995, NO.62, PAGE.31-38, FIG.4, TBL.10, REF.2

JOURNAL NUMBER: Z0596BAW ISSN NO: 0918-4848

UNIVERSAL DECIMAL CLASSIFICATION: 633.18 631.527/.528

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

...ABSTRACT: was to improve the lodging resistance of Norin-22. Dwarf mutant of Norin-22 was induced by the treating the seeds with EMS (Ethyl Methane Sulfide) solution in 1980. All the...

...genes and for fixing genotypes with mutated dwarf gene(s) in 1981 and 1982. Eighty one semi-dwarf plants were selected from M4 population. The selections for a plant type, heading performance and contents...

...line showed a good performance, such as high grain yield and tolerance to lodging, in yield trials and performance trials in farmer's paddy fields at 6 towns in Hiroshima. Besides, the grain was easily polished and...

19/3,K/3 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.

04128854 Genuine Article#: RG318 No. References: 0

Title: PLANTING SPEED EFFECTS ON STAND ESTABLISHMENT AND GRAIN-YIELD OF CORN

Author(s): NIELSEN RL

Corporate Source: PURDUE UNIV, DEPT AGRON/W LAFAYETTE//IN/47907

Journal: JOURNAL OF PRODUCTION AGRICULTURE, 1995, V8, N3 (JUL-SEP), P 391-393

ISSN: 0890-8524

Language: ENGLISH Document Type: ARTICLE (Abstract Available) (NO REFS KEYED)

Abstract: Planting speed can affect a planter's ability to uniformly singulate and deliver seed to the seed furrow. A replicated on...

...grain yield of corn (*Zea mays* L.). Increased planting speed significantly decreased plant population at one site (-527 plants/acre per mph increase in speed) and increased plant population at nine other sites (207 to 1912 plants/acre per mph). Among the 10 sites where increased planting speed influenced plant population, plant spacing variability significantly increased at four sites and was unaffected at the...

...0.22 to 0.37 in./mph increase in planting speed. Grain yield was significantly influenced by increased planting speed at only five of 22 sites. Among the five responsive sites...

...plant population or plant spacing variability. The possibility for significant grain yield loss with excessive planting speed must be considered when growers contemplate changes in their standard planting speed practices.

19/3,K/4 (Item 1 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

10107132 BIOSIS NO.: 199698562050

The role of agroforestry in industrialized nations: The southern hemisphere perspective with special emphasis on Australia and New Zealand.

AUTHOR: Mead D J

AUTHOR ADDRESS: Field Serv. Cent., P.O. Box 84, Lincoln Univ.**New Zealand

JOURNAL: Agroforestry Systems 31 (2):p143-156 1995

ISSN: 0167-4366

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

...ABSTRACT: pine) dominate agroforestry tree plantings for wood, shade, shelter, and salinisation and erosion prevention. The One Billion Tree Program, initiated by the Australian Federal Government, provides limited funding for tree planting. Joint farmer ventures with the State or local industry are also common. Most State governments also provide...

...other hardwoods, including willows and poplars, are also widely used. There are almost no government incentives for tree planting in New Zealand. The Farm Forestry Association is the major extension organization...

19/3,K/5 (Item 1 from file: 50)

DIALOG(R)File 50: CAB Abstracts

(c) 2003 CAB International. All rts. reserv.

04120337 CAB Accession Number: 20013078621

Economical issues of the fertilizing in Bulgaria.

Samalieva, A.; Nikolova, M.; Slavova, D.

N. Poushkarov Institute of Soil Science and Agroecology, Sofia,

Bulgaria.

Pochvoznanie, Agrokhimiya i Ekologiya vol. 35 (4): p.24-29

Publication Year: 2000

ISSN: 0861-9425 --

Language: Bulgarian Summary Language: english

Document Type: Journal article

... in production efficiency. It is then essential for the state to stimulate the economy for **farmers** to **produce** for the needs of the local market and for exports, without allowing deterioration in nutrient

... equalled to the international prices. This is the only way to improve the productivity of **individual** agricultural **crops** and to boost the **motivation** of the farmers.

19/3,K/6 (Item 2 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2003 CAB International. All rts. reserv.

03324877 CAB Accession Number: 970701040

Dealing with nutritional factors limiting sorghum production.

Cahill, M. J.; Dowling, C. W.; Cox, H. W.

Department of Primary Industries, Toowoomba, Qld 4350, Australia.

Conference Title: Proceedings of the Third Australian Sorghum

Conference, Tamworth, 20-22 February 1996.

AIAS Occasional Publication (No. 93): p.79-101

Publication Year: 1996

ISSN: 0728-859X --

Language: English

Document Type: Conference paper; Journal article

... grain crops for a wide range of manufacturing and feed grain industries. For many markets, **growers** need to consider both the **yield** and quality of the grain they produce if returns are to be maximized. Despite the...

... soils, climate and paddock cropping histories, general district crop nutrition information may not accurately provide **individual** crop nutrition requirements. Accurate paddock records, based on **individual** crop yield and protein figures and strategic soil testing, allow a sorghum grower to more closely...

... the low percentage of yield responses and poor recovery of applied nitrogen. Because of drought **induced** long fallows and normal crop rotation practices of growers in this region, the interaction of...

19/3,K/7 (Item 3 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2003 CAB International. All rts. reserv.

03277014 CAB Accession Number: 960710325

Growth, yield performance and market quality of groundnut (Arachis hypogaea) as affected by cropping season in southern Sierra Leone.

Sesay, A.; Yarmah, A.

Department of Biological Sciences, Njala University College, PMB Freetown, Sierra Leone.

Journal of Agricultural Science vol. 127 (2): p.201-206

Publication Year: 1996

ISSN: 0021-8596 --

Language: English

Document Type: Journal article

--
Traditionally, only **one** groundnut crop is grown in the uplands during the rainy season (May-October) in Sierra Leone, with sowing starting at the beginning of the rains. However, a recent trend among groundnut farmers is to sow a second crop in September after harvesting the first crop. Thus a system comprising a...

... agronomic potential of growing two crops a year. Crop phenology, growth and productivity were strongly **influenced** by cropping season. Pod yield ranged from 1.63 to 2.58 and from 1...

19/3,K/8 (Item 4 from file: 50)
DIALOG(R) File 50:CAB Abstracts
(c) 2003 CAB International. All rts. reserv.

03244131 CAB Accession Number: 961805695
Herbaceous energy crops: a general survey and a microeconomic analysis.
Caserta, G.; Bartolelli, V.; Mutinati, G.
ENEA, Department of Technological Innovation, Via Anguillarese 301,
00060 Roma, Italy.
Biomass and Bioenergy vol. 9 (1/5): p.45-52
Publication Year: 1995
ISSN: 0961-9534 --
Language: English
Document Type: Journal article

--
... fuel (bioethanol and biooil) production depends on many factors, the most important being the economic **incentive** for farmers to **cultivate** the new energy crop in place of traditional crops. In order to assess the conditions which favour the cultivation and selling of **specific energy crops**, a simple methodology is proposed, based on calculation of the threshold price of the energy...

19/3,K/9 (Item 5 from file: 50)
DIALOG(R) File 50:CAB Abstracts
(c) 2003 CAB International. All rts. reserv.

03094599 CAB Accession Number: 951808578
The cereals chain in Kenya: actors, reforms and politics.
Ikiara, G. K.; Jama, M.; Amadi, J. O.
Department of Economics, University of Nairobi, Nairobi, Kenya.
Book Title: Markets, civil society and democracy in Kenya.
p.31-68
Publication Year: 1995
Editors: Gibbon, P.
Publisher: Nordiska Afrikainstitutet (Scandinavian Institute of African Studies) -- Uppsala, Sweden
ISBN: 91-7106-371-4
Language: English
Document Type: Book chapter

--
... had hardly been implemented in Nakuru by September 1992. Instead, cereals marketing remained very much **influenced** by a certain form of interest group politics and intermeshed with a political patronage network

... carried out between September and December, 1993, mainly in grain growing areas, but also in **one** grain deficit area. The paper discusses the institutions involved in the grain sector, the National Cereals and Produce Board, and the Kenya Grain Growers' Cooperative Union, and the production and price trends of both maize and wheat, before considering...

19/3,K/10 (Item 6 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2003 CAB International. All rts. reserv.

02825844 CAB Accession Number: 941802455
Impact of relative prices of major crops on farmer's decision for
acreage allocation (a case study of NWFP).
Khan, R.; Ashraf, M.
Revenue, CDA, Islamabad, Pakistan.
Journal of Rural Development and Administration vol. 25 (4): p.126-141
Publication Year: 1993
ISSN: 0047-2751 --
Language: English
Document Type: Journal article

--
... has tried to develop the agricultural sector through the adoption of
favourable agricultural policies and incentive packages to growers.
Consequently, the total cultivated area and the acreage devoted to major
crops has noted a sizeable increase in recent...

... an increase in acreage. Despite the increases, there have been several
shortages, for which price incentives may be the dominant factor. This
study identifies the proportional significance of relative prices of...
... economy. Producers respond to unstable returns by changing their
decisions to allocate acreage to any one crop. Consumers are affected
by the resulting increased prices. Analysis of the acreage function of the
...

19/3,K/11 (Item 7 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2003 CAB International. All rts. reserv.

02782087 CAB Accession Number: 931861109
Fertilizer use on smallholder farms in Eastern Province, Zambia.
Jha, D.; Hojjati, B.
Research Report - International Food Policy Research Institute
(No. 94): 76pp.
Publication Year: 1993
Publisher: -- Washington, D.C., USA
ISBN: 0-89629-097-2
Language: English
Document Type: Miscellaneous

--
... efficient to target scarce fertilizer and supporting infrastructure
to these areas. Second, Zambia's favourable incentive environment made
it profitable to use fertilizers on maize. A recent deterioration in
relative fertilizer prices may have an adverse effect, especially because
fertilizer use is concentrated on only one crop. In the long run, it
will be necessary to diversify the crop base. Third, public...

... have also contributed, and, in Zambia, the state has procured all the
maize surpluses that farmers produced. These findings emphasize the
critical role of public investments in modernizing African agriculture.
Finally, the...

19/3,K/12 (Item 8 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2003 CAB International. All rts. reserv.

02690953 CAB Accession Number: 930666328

Participatory vs. promotional approaches to tree cultivation on private land: experiences in the middle hills of Nepal.

Carter, J.; Gronow, J.

Rural Development Forestry Network, ODA, Regent's College, London NW1 4NS, UK.

Forests, Trees and People Newsletter (No. 19): p.4-9

Publication Year: 1993

ISSN: 1101-4733

Publisher: International Rural Development Centre, Swedish University of Agricultural Sciences -- Uppsala, Sweden

Language: English

Document Type: Journal article

... planting was inevitable, and was centred on a 6-point strategy: identification of model farmers; motivation of these farmers by project staff; attendance of selected farmers at tree cultivation training courses; compilation of data on seedlings requested by farmers (including appropriate action in local nurseries); pre-planting training of the selected farmers in seedling establishment techniques; and delivery of seedlings by project staff. A parallel programme operating...

... some farmers already had a very detailed knowledge of tree planting although interest varied between individuals and communities. Trees were more commonly raised by higher economic categories of households, and planting varied with land...

... as crucial components of a community forestry development programme. Investigation aims to find out whether farmers wish to cultivate trees, and if (and why) they may be hesitant about this; negotiation aims to help...

19/3,K/13 (Item 9 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2003 CAB International. All rts. reserv.

01705936 CAB Accession Number: 861831212

Institutional factors and technological innovations: the case of HYV rice in Bangladesh.

Mahmud, W.; Muqtada, M.

Working Papers, Technology and Employment, World Employment Programme Research, International Labour Organization

(No. 2-22/WP.124): 93pp.

Publication Year: 1983 --

ISBN: 92-2-103600-6

Language: English

Document Type: Miscellaneous

... Rutan's induced innovation model is applied to Bangladesh data to determine the origins of the generation and...

... by high risk, small plots, increasing population pressure on the land and the dominance of one crop, rice. The diffusion of HYV technology has been accompanied by a lower rate of food...

... from numerous studies indicates that small farmers devote a larger proportion of land to HYV cultivation than large farmers. Yields and net returns per acre are higher for HYVs, even in the case of share...

19/3,K/14 (Item 10 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2003 CAB International. All rts. reserv.

*00310092 CAB Accession Number: 751821438

Farm income distribution and measures of income inequality.

Raju, V. T.; Singh, I. J.

Department of Agricultural Economics, G.B.Pant University of Agriculture
and Technology, Pantnagar (Nainital), Uttar Pradesh, India.

Agricultural Situation in India vol. 29 (9): p.559-564

Publication Year: 1974

ISSN: 0002-1679

Publisher: -- New Delhi., India

Language: English

Document Type: Journal article

--
... demonstration effects' of the high-yielding varieties programmes in
terms of benefit-cost ratio for **individual crops** might also have
induced the small **farmers** to adopt new technology and **raise** their
income.

19/3,K/21 (Item 6 from file: 98)

DIALOG(R)File 98:General Sci Abs/Full-Text

(c) 2003 The HW Wilson Co. All rts. reserv.

03789656 H.W. WILSON RECORD NUMBER: BGSI98039656 (USE FORMAT 7 FOR
FULLTEXT)

Agriculture & the environment: a new strategic vision.

Ervin, David E

Runge, C. Ford; Graffy, Elisabeth A

Environment (Environment) v. 40 no6 (July/Aug. '98) p. 8-15+

SPECIAL FEATURES: bibl il ISSN: 0013-9157

LANGUAGE: English

COUNTRY OF PUBLICATION: United States

WORD COUNT: 10806

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... recently, this made them least relevant when prices were strongest
and subsidies lowest--precisely when **farmers produce** most intensively.
These restrictions will be even less constraining in the future because
FAIR gradually...7 above.

51. See M. Ribaud, note 8 above.

52. FAIR divorced commodity subsidies from **particular crops**, thus
removing the **incentives** that had favored fertilizer- and
pesticide-intensive crops such as corn. The legislation did not...

19/3,K/22 (Item 7 from file: 98)

DIALOG(R)File 98:General Sci Abs/Full-Text

(c) 2003 The HW Wilson Co. All rts. reserv.

03518554 H.W. WILSON RECORD NUMBER: BGSI97018554 (USE FORMAT 7 FOR
FULLTEXT)

Water resources: agriculture, the environment, and society.

Pimentel, David

Houser, James; Preiss, Erika

BioScience (BioScience) v. 47 (Feb. '97) p. 97-106

SPECIAL FEATURES: bibl il ISSN: 0006-3568

LANGUAGE: English

COUNTRY OF PUBLICATION: United States

WORD COUNT: 9563

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... place significant demands on energy and water resource management.

*This factor can be expected to **influence** the economics of irrigated crops and selection of **specific crops** worth irrigating.

Water use in energy production. Producing energy for all types of fuel requires...technologies can improve irrigation and reduce the irrigation water needed to produce the same crop **yield**. For example, some **farmers** are turning to "surge flow" irrigation to replace traditional flooding and channeling irrigation (Verplaneke et...)

19/3,K/24 (Item 2 from file: 203)

DIALOG(R) File 203:AGRIS

Dist by NAL, Intl Copr. All rights reserved. All rts. reserv.

02262408 AGRIS No: 1998-080973

Economics of direct-seeded rice in Iloilo [Philippines]: lessons from nearly two decades of adoption

Velasco, L.; Pandey, S. (International Rice Research Inst., P.O. Box 933, 1099 Manila (Philippines))

Conference Title: 14. Annual Scientific Conference of the Federation of Crop Science Societies of the Philippines

Conference Location and Year: Cebu City (Philippines), 19-24 Apr 1998

Journal: Philippine Journal of Crop Science, Apr 1998, v. 23 (Supplement no. 1) p. 19

Language: English

...practiced in over 80 percent of rice area. The shift to direct seeding has been **induced** mainly by the possibility of crop intensification as **farmers** can **grow** two crops of rice as against only **one crop** under transplanting culture. Although farmers in Iloilo started adopting direct seeding methods almost 20 years...

...found to be around 70 percent. There still appears to be opportunities for closing the **yield** gap between the best-practice **farmer** and an average farmer through better practices for drought and weed management.

19/3,K/25 (Item 3 from file: 203)

DIALOG(R) File 203:AGRIS

Dist by NAL, Intl Copr. All rights reserved. All rts. reserv.

01999445 AGRIS No: 96-079707

Factors influencing crop enterprise choice by smallholders: a case study of Bahr Dar and Yilmana Densa areas

Regasa Ensermu; Asmare Yalew (Institute of Agricultural Research, Addis Abeba (Ethiopia))

Publisher: IAR, Addis Abeba (Ethiopia), 1995, 40 p.

Series title: IAR Working Paper (Ethiopia), no. 14

Language: English Summary Language: English

...and livestock production are very much integrated. Currently, more than 16 different crop species are **cultivated** in the area. The **farmers** tend to manage at least more than three crops in a season, mainly as a...

...sufficiency. The area is cereal dominated; cereals constitute over 75 percent of the total area **cultivated** by the sample **farmers** in the 1990/91 crop season. Intercropping and double cropping are also practiced by some...

...to be more important in influencing crop choice and combinations. The major factors reported to **influence** farmers' crop choice are contribution to food consumption and compatibility of the enterprise to the...

...Farming Zone (AMFZ) tef and barley alone covered about 54 percent of the the total **cultivated** area of the sample **farmers** in the 1990/91 crop season; these ranked first and second respectively, when evaluated

according...

... Farming Zone (BMFZ) finger millet and tef accounted for over 64 percent of the total **cultivated** area of the sample **farmers** and their overall rank in the system was first and third respectively; however, they are...

... high labor and oxen power demand posed at a time owing to specializing in just **one** or two **crops**.

File 15:ABI/Inform(R) 1971-2003/Jul 01
(c) 2003 ProQuest Info&Learning
File 9:Business & Industry(R) Jul/1994-2003/Jun 30
(c) 2003 Resp. DB Svcs.
File 610:Business Wire 1999-2003/Jul 01
(c) 2003 Business Wire.
File 810:Business Wire 1986-1999/Feb-28
(c) 1999 Business Wire
File 275:Gale Group Computer DB(TM) 1983-2003/Jun 30
(c) 2003 The Gale Group
File 476:Financial Times Fulltext 1982-2003/Jul 01
(c) 2003 Financial Times Ltd
File 624:McGraw-Hill Publications 1985-2003/Jul 01
(c) 2003 McGraw-Hill Co. Inc
File 636:Gale Group Newsletter DB(TM) 1987-2003/Jun 30
(c) 2003 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Jun 27
(c) 2003 The Gale Group
File 613:PR Newswire 1999-2003/Jul 01
(c) 2003 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 16:Gale Group PROMT(R) 1990-2003/Jul 01
(c) 2003 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 634:San Jose Mercury Jun 1985-2003/Jun 29
(c) 2003 San Jose Mercury News
File 148:Gale Group Trade & Industry DB 1976-2003/Jun 27
(c)2003 The Gale Group
File 20:Dialog Global Reporter 1997-2003/Jul 01
(c) 2003 The Dialog Corp.
File 995:NewsRoom 2000
(c) 2003 The Dialog Corporation
File 235:AGROProjects 1990- 2003/Q2
(c) 2003 PJB Publications,Ltd.
File 635:Business Dateline(R) 1985-2003/Jul 01
(c) 2003 ProQuest Info&Learning

Set	Items	Description
S2	90850	(FARMER? OR PHARMER? OR AGRICULTURALIST? OR SODBUSTER? OR GRANGER? OR HUSBANDMAN OR HUSBANDMEN OR PLANTER? ? OR GROWER? OR RANCHER? ? OR SOWER? ?) (5N) (GROW? ? OR RAIS? OR PLANTED OR PLANTING OR CULTIVAT? OR SOW? ? OR PRODUCE?)
S3	84619	(ONE OR SPECIFIC OR PARTICULAR?? OR INDIVIDUAL? OR SINGULAR? OR DEFINITE OR UNIQUE) (2W) (CROP? ? OR PLANT? ? OR TREE OR - TREES OR FLOWER? ? OR FLORA OR GRAIN? ? OR FRUIT? ? OR VEGETABLE? ?)
S4	38344	(INTERNET OR WEB OR WWW OR ONLINE OR ELECTRONIC OR VIRTUAL OR CYBER OR COMPUTERI?) (3N) (INCENTIVE? OR REWARD? ? OR MOTIVAT? OR PERK? ? OR PERQUISIT? OR BONUS? OR INDUCE? OR INDUCING - OR ENTICE? OR ENTICING OR PERSUAS? OR PERSUAD?)
S5	0	S1 AND S2 AND S3
S6	43	S3 AND S4
S7	22	S6 NOT PD>20000705
S8	4249	(GROW? ? OR RAIS? OR PLANTED OR PLANTING OR CULTIVAT? OR SOW? ? OR PRODUCE?) (5N) S3
S9	8816	(FARMER? OR PHARMER? OR AGRICULTURALIST? OR PLANTER? ? OR GROWER? OR RANCHER? ? OR SOWER? ?) (3N) (INCENTIVE? OR REWARD? ? OR MOTIVAT? OR PERK? ? OR PERQUISIT? OR BONUS? OR INDUCE? OR INDUCING OR PERSUAS? OR PERSUAD?)
S10	57	S8 AND S9
S11	5	S10 AND (INTERNET OR WEB OR WWW OR ONLINE OR ELECTRONIC OR VIRTUAL OR CYBER OR COMPUTERI?)

7/3,K/1 (Item 1 from file: 15)
DIALOG(R) File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

02012817 52546971

Virtual diploma

Lindquist, Christopher
Upside v12n5 PP: 175-184 May 2000
ISSN: 1052-0341 JRNL CODE: UPS
WORD COUNT: 3262

...TEXT: its own set of systems, Florida State chose to purchase a ready-built tool from one of the crop of vendors--Blackboard, in this case--looking to provide schools with the onlinecourseware tools they... office or home.

MBA candidates also tend to have two other traits well suited to online learning: motivation and discipline. That discipline is one of the things Alex Pass, project manager for U...

7/3,K/2 (Item 2 from file: 15)
DIALOG(R) File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01965866 47147736

Integrating content and commerce

Freedman, Lauren
Catalog Age v16n13 PP: 69 Dec 1999
ISSN: 0740-3119 JRNL CODE: GBAMA
WORD COUNT: 1178

...TEXT: a purchase then and there. Which means it's up to you to use your Web pages to persuade them to do just that. Fortunately, one of the major advantages of Internet marketing is...

... site Garden.com, users can read up on advice regarding the care and feeding of particular flowers -and if they come across a product they realize they need, shoppers can buy it...

7/3,K/3 (Item 3 from file: 15)
DIALOG(R) File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01794888 04-45879

How to market an epidemic

Karlgaard, Rich
Forbes v163n7 PP: 43 Apr 5, 1999
ISSN: 0015-6914 JRNL CODE: FBR
WORD COUNT: 724

...TEXT: com. How many dealers will gain weight on a 6% markup? Which industries will suffer Web - induced malnourishment next? Insurance? Music? Publishing? And when?

The Speed of Annihilation

Soon! That's what...

... fall victim to Drugstore.com? How long will readers of newspapers and magazines-including this one -prefer dead trees over computer displays that, thanks to our old friend Moore's Law, are sure to...

7/3,K/4 (Item 4 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00634340 92-49280

Wide Horizons: Travel and Tourism in the Coming Decades

Tarlow, Peter E.; Muehsam, Mitchell J.

Futurist-v26n5 PP: 28-32 Sep/Oct 1992

ISSN: 0016-3317 JRNL CODE: FUS

WORD COUNT: 2597

...TEXT: will force the travel industry to make traveling as comfortable as possible and offer more **perks** and benefits. **Electronic** mail may even help increase business travel: As the world becomes more interconnected, corporations will... income than married individuals. Those with large amounts of discretionary income will view travel as **one** of the **fruits** of their labor and a way to meet new people. Relatively more independent in spirit...

7/3,K/5 (Item 1 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

(c) 2003 Resp. DB Svcs. All rts. reserv.

2871884 Supplier Number: 02871884 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Capital Equipment Spending Picks Up Pace

(Board converting industry is in transition, with linerboard prices rising 3 times in past 18 months and independent converters forming alliances)

Paperboard Packaging, v 85, n 7, p 34+

July 2000

DOCUMENT TYPE: Journal ISSN: 0031-1227 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 4016

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...using one carton to hold 24 items, like a display carton, as opposed to 24 **individual** cartons."

Plant managers whose plants are consistently busy say the U.S. economy is the reason why...labels, corrugated, other forms of packaging, specialty products, and it's really a homogenized scene."

One way for **plants** to diversify into other operations is through the acquisition of another company. Seventeen percent of...packaging...it still needs a personal intervention to wrap the package around the product. A **web** site might **perk** somebody's interest, but you still have to have the personal intervention."

Allen agrees. "There...

7/3,K/6 (Item 2 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

(c) 2003 Resp. DB Svcs. All rts. reserv.

1513388 Supplier Number: 01513388 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Is Cable On Target With Online?

(The article discusses what three cable television operators are learning about entering the PC arena)

CableVision, v 20, n 22, p 20+

June 10, 1996

DOCUMENT TYPE: Journal ISSN: 0361-8374 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 3330

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...model (CV, 5/27/96, p. 44) and the Zenith/U.S. Robotics proposal for one -way **plant** . A service called Pippin @World purports to offer Internet access through television sets for less...

...the kinds of issues that cable operators must wrestle with if they really want to **entice** customers with **Internet** or other data-based services. And wrestle they must, for simple answers aren't readily...

7/3,K/7 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02373293 SUPPLIER NUMBER: 59519971 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Mostly Potential, For Now.(web portal customization) (Technology Information)
LUH, JAMES C.
Internet World, 6, 3, 42
Feb 1, 2000
ISSN: 1097-8291 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 897 LINE COUNT: 00072

... remembering whether Diane prefers to listen to jazz or classical music.

The potential risks and **rewards** for personalized service **online** are much the same as in offline businesses: When it's done well, personalization can...

...compares that to what Hagen found on Garden.com. When he tried to order a **particular plant** , the site warned him that the plant didn't suit the area where Hagen lives...

7/3,K/8 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

08586868 Supplier Number: 63790823 (USE FORMAT 7 FOR FULLTEXT)
Capital Equipment Spending Picks Up Pace.
Schultz, Jackie
Paperboard Packaging, v85, n7, p34
July, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 4284

... using one carton to hold 24 items, like a display carton, as opposed to 24 **individual** cartons."

Plant managers whose plants are consistently busy say the U.S. economy is the reason why...labels, corrugated, other forms of packaging, specialty products, and it's really a homogenized scene."

One way for **plants** to diversify into other operations is through the acquisition of another company. Seventeen percent of...packaging...it still needs a personal intervention to wrap the package around the product. A **web** site might **perk** somebody's interest, but you still have to have the personal intervention."

Allen agrees. "There...

7/3,K/9 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

07369648 Supplier Number: 59519971 (USE FORMAT 7 FOR FULLTEXT)
Mostly Potential, For Now. (web portal customization) (Technology
Information)
LUH, JAMES C.
Internet World, v6, n3, p42
Feb 1, 2000
Language: English Record Type: Fulltext Abstract
Document Type: Magazine/Journal; Trade
Word Count: 846

... remembering whether Diane prefers to listen to jazz or classical music.

The potential risks and rewards for personalized service online are much the same as in offline businesses: When it's done well, personalization can...

...compares that to what Hagen found on Garden.com. When he tried to order a particular plant, the site warned him that the plant didn't suit the area where Hagen lives...

7/3,K/10 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06915494 Supplier Number: 58362018 (USE FORMAT 7 FOR FULLTEXT)
Integrating content and commerce.
Freedman, Lauren
Catalog Age, v16, n13, p69
Dec, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1140

(USE FORMAT 7 FOR FULLTEXT)
TEXT:

...a purchase then and there. Which means it's up to you to use your Web pages to persuade them to do just that. Fortunately, one of the major advantages of Internet marketing is...

... site Garden.com, users can read up on advice regarding the care and feeding of particular flowers --and if they come across a product they realize they need, shoppers can buy it...

7/3,K/11 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

11810112 SUPPLIER NUMBER: 59519971 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Mostly Potential, For Now. (web portal customization) (Technology
Information)
LUH, JAMES C.
Internet World, 6, 3, 42
Feb 1, 2000
ISSN: 1097-8291 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 897 LINE COUNT: 00072

... remembering whether Diane prefers to listen to jazz or classical music.

The potential risks and rewards for personalized service online are much the same as in offline businesses: When it's done well, personalization can...

...compares that to what Hagen found on Garden.com. When he tried to order a particular plant, the site warned him that the plant didn't suit the area where Hagen lives...

7/3,K/12 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

11767870 SUPPLIER NUMBER: 57785871 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Coordinating Manufacturing and Marketing in International Firms.
St. John, Caron H.; Young, Scott T.; Miller, Janis L.
Journal of World Business, 34, 2, 109
Summer, 1999
ISSN: 1090-9516 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 7167 LINE COUNT: 00650

... diversified international electrical equipment manufacturer,
produces all of its special purpose motors and generators in **one plant** ,
all of its fluorescent lighting ballasts in two plants, and coil winding in
one plant , with these plants in different locations throughout the
world. In its annual report, the company...of the global strategy.
Depending on how plants are organized, the transnational strategy might
involve **individual plants** in more frequent product introductions and
design changes, as well as different product specifications for...include
informal coordination techniques (task forces for problem solving, joint
competitive priority setting, and performance **rewards**) in addition to
computerized planning and scheduling systems and structured decision
policies.

For practicing managers, our work also provides...

7/3,K/13 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

11642360 SUPPLIER NUMBER: 58362018 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Integrating content and commerce.
Freedman, Lauren
Catalog Age, 16, 13, 69
Dec, 1999
ISSN: 0740-3119 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1230 LINE COUNT: 00102

TEXT:

...a purchase then and there. Which means it's up to you to use your
Web pages to **persuade** them to do just that. Fortunately, one of the
major advantages of Internet marketing is...
... site Garden.com, users can read up on advice regarding the care and
feeding of **particular flowers** --and if they come across a product they
realize they need, shoppers can buy it...

7/3,K/14 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

10949963 SUPPLIER NUMBER: 54220749 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Digital Rules.(electronic commerce)(Brief Article)
Karlgaard, Rich
Forbes, 43(1)
April 5, 1999
DOCUMENT TYPE: Brief Article ISSN: 0015-6914 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 784 LINE COUNT: 00061

... com. How many dealers will gain weight on a 6% markup? Which
industries will suffer **Web - induced** malnourishment next? Insurance?
Music? Publishing? And when?

The Speed of Annihilation
Soon! That's what...

...fall victim to Drugstore.com? How long will readers of newspapers and magazines-- including this **one** --prefer dead **trees** over computer displays that, thanks to our old friend Moore's Law, are sure to...

7/3,K/15 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

10764587 SUPPLIER NUMBER: 20888526 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Bookmark Central.
Kirkwood, Jr., Hal P.
Online, v22, n4, p82(1)
July-August, 1998
ISSN: 0146-5422 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1926 LINE COUNT: 00160

... CONTRIBUTE?

Bookmark Central is a modern version of the spirit of sharing that infused and **motivated** the early **online** user groups. Faced with becoming familiar with the new technology of online searching, members found...

...messages, etc.

You will be the editor of your bookmark collection. Consider it your own **unique** Bonsai **tree** of information resources. We are not looking for size or quantity. We are looking for...

7/3,K/16 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

10684377 SUPPLIER NUMBER: 53368641 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Incentives: power tools in your safety program.(includes related article on the use of reward systems in promoting industrial safety)
Fernberg, Patricia M.
Occupational Hazards, 60, 11, 59(4)
Nov, 1998
ISSN: 0029-7909 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3349 LINE COUNT: 00262

... 24 years without a lost-time accident, three plants have more than eight years without **one**, two **plants** with seven years, three plants with more than five years, four facilities with between three...s mind. Members of senior management and guest speakers gave presentations at individual sites, and **one** plant manager created an innovative, though grim, series of contests to demonstrate the consequences of accidents...a safety violation."

This year to date, Monroe has paid out six \$300 prizes at **one** plant that has experienced no accidents. Chason explains that publicly awarding the money makes it more...the organization, as well."

To reach Nelson Motivation Inc., call (619) 487-1046 or visit **www.nelson-motivation.com**.

7/3,K/17 (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06223506 SUPPLIER NUMBER: 12877741 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Wide horizons: travel and tourism in the coming decades.
Tarlow, Peter E.; Muehsam, Mitchell J.
Futurist, v26, n5, p28(5)

Sept-Oct, 1992

CODEN: FUTUA

ISSN: 0016-3317

LANGUAGE: ENGLISH

RECORD TYPE:

FULLTEXT; ABSTRACT

WORD COUNT: 2821

LINE COUNT: 00235

... will force the travel industry to make traveling as comfortable as possible and offer more ~~perks~~ and benefits. ~~Electronic~~ mail may even help increase business travel: As the world becomes more interconnected, corporations will...income than married individuals. Those with large amounts of discretionary income will view travel as **one** of the **fruits** of their labor and a way to meet new people. Relatively more independent in spirit...

7/3,K/18 (Item 8 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

05792091 SUPPLIER NUMBER: 11866708 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The M&A Rosters; third quarter 1991.

Mergers & Acquisitions, 26, n4, 65(65)

Jan-Feb, 1992

ISSN: 0026-0010

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 104170 LINE COUNT: 10201

... s interests in 14 producing oil properties, as well as in a gas liquids processing **plant** and a gathering facility in Wichita County, Texas. Effective Date: 7-1-91

Enron Corp...packets for analysis. Products are sold under the brand name The Sniffer. It operates a **plant** in Menlo Park, Calif. Progressive Computing manufactures network maintenance products. It produces PC-based WAN...electronics, industrial systems and services, and marine engineering and production. Its advanced electronics segment manufactures **electronic** products and provides related services for the U.S. and other governments and commercial customers...

7/3,K/19 (Item 9 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

05546827 SUPPLIER NUMBER: 11593103 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Protecting electronic equipment from transient voltages.

Hutchins, David W.; Clark, O. Melville

Plant Engineering, v45, n20, p82(4)

Nov 7, 1991

ISSN: 0032-082X

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2811 LINE COUNT: 00229

... electronic instrumentation and control systems, problems caused by voltage transients are destined to increase. Lightning- **Induced** Transients

Most **electronic** equipment inside the plant is protected from a direct lightning strike by the building envelope...

...human body to a static discharge from a janitor's vacuum cleaner. In fact, in **one plant** where printers were being zapped regularly at an annual repair cost of \$12,000, the...

7/3,K/20 (Item 10 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

03867771 SUPPLIER NUMBER: 07007050 (USE FORMAT 7 OR 9 FOR FULL TEXT)

What should you consider in site selection? (includes site selection directory)

Finley, Sue
Plastics World, v47, n1, p61(13)
Jan, 1989
ISSN: 0032-1273 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2142 LINE COUNT: 00176

... are usually defined by the nature of the product being manufactured.

"If you have only one plant, you want to be near either your supplier or your market," says Saadat Syal, manager...

...find the exact location of a shipment, immediately. We will eventually pay our invoices through electronic transfer."

Economic incentives

Economic development has become a business in its own right and a very competitive one...

7/3,K/21 (Item 1 from file: 995)
DIALOG(R)File 995:NewsRoom 2000
(c) 2003 The Dialog Corporation. All rts. reserv.

0017022501 14Z20PZ4
Mostly Potential, For Now.(web portal customization) (Technology Information)
LUH, JAMES C.
Internet World, v6, n3, p42
Tuesday, February 1, 2000
JOURNAL CODE: ABGF LANGUAGE: ENGLISH RECORD TYPE: Abstract
DOCUMENT TYPE: Magazine ISSN: 1097-8291
WORD COUNT: 939

...remembering whether Diane prefers to listen to jazz or classical music.

The potential risks and rewards for personalized service online are much the same as in offline businesses: When it's done well, personalization can...

...compares that to what Hagen found on Garden.com. When he tried to order a particular plant, the site warned him that the plant didn't suit the area where Hagen lives...

7/3,K/22 (Item 1 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

0822376 97-82682
1997 Entrepreneur of the Year
St John, Paige; Wark, John
Crains Detroit Business (Detroit, MI, US), V13 N25 pE-1
PUBL DATE: 970623
WORD COUNT: 11,038
DATELINE: Detroit, MI, US, North Central

TEXT:

...and software sales, basic and fiber-optic cable, computer maintenance, leasing, training, network installation and Internet design.

PHILOSOPHY/STRATEGY: Motivated by a philosophy to "exceed expectations," the company has fostered close relations with customers and ...Westran's suppliers, Harbor Steel, in a leveraged buyout. The company has since grown from one plant to six in Michigan, Ohio and Kentucky.

Folkert is a founding member of International Aid...

11/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00901524 95-50916

Why would a company want to enter a joint venture in the former Soviet Union or Eastern Europe?

Bartley, Douglas L; Minor, Michael S

Journal of Product & Brand Management v3n2 PP: 28-36 1994

ISSN: 1061-0421 JRNL CODE: JPB

WORD COUNT: 3926

...TEXT: be trying to update the thinking and farming habits of the farmers who contract to grow a particular fruit or vegetable for a processing plant. It starts with obtaining the best seed available for use in...

... what the company's standards are to be for raw material. This would include an incentive for the farmer to deliver very high quality fruits and vegetables. If the company can upgrade the quality...

...The clean-up crew was very liberal in the use of water. Electrical boxes and electronic equipment were soaked, so much so that the equipment

11/3,K/2 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

04734240 Supplier Number: 62832734 (USE FORMAT 7 FOR FULLTEXT)

Agricultural Outlook.

M2 Presswire, pNA

Dec 22, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 18004

... and credit conditions within individual countries. Production of some primary agricultural commodities increased, providing an incentive for some farmers to stay on the farm and motivating some workers in the cities to trade job...factors changed.

The drawbacks of this type of safety net stem from possible negative behavioral incentives. For example, a farmer may see no need to make capital investments or business decisions to improve farm income...purposes will decrease incrementally in the next few decades. Nevertheless, current food security policies are inducing farmers to expand and to maintain a high level of food grain (wheat, rice, and corn...s dry northwest area, upstream users have increased use of irrigation water. This use has raised grain output (largely one-season grain crops) in the upland areas, and new irrigation projects are being constructed in part ...prepared by named party/parties. Further information on M2 PressWIRE can be obtained at [http:// www .presswire.net](http://www.presswire.net) on the world wide web . Inquiries to info@m2.com)....

11/3,K/3 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

27751382 (USE FORMAT 7 OR 9 FOR FULLTEXT)

U. Kansas: U. Kansas student researches farming techniques

Amy Potter

UNIVERSITY WIRE

February 24, 2003

JOURNAL CODE: WUWI LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 318

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... they can trust you." McCall said one work area for the Peace Corps focused on **motivating farmers** to develop better agricultural systems.

"They don't want people to use a lot of...

...of synthetic chemical pesticides or fertilizers.

The other four are considered traditional farmers because they **grow only one crop** and use pesticides and fertilizers. They typically sell their crop through wholesale markets instead of...

...of chemicals that are not human-friendly," Sprague said.

((Distributed via M2 Communications Ltd - [http:// www .m2.com](http://www.m2.com)))

11/3,K/4 (Item 1 from file: 995)

DIALOG(R)File 995:NewsRoom 2000

(c) 2003 The Dialog Corporation. All rts. reserv.

0150006852 157E06Q3

California Farmers Reap Rewards from Growing Crops for Seeds

Paul Schnitt, The Sacramento Bee, Calif.

SACRAMENTO BEE (CA)

Monday, October 16, 2000

JOURNAL CODE: ADNV LANGUAGE: ENGLISH RECORD TYPE: Fulltext

DOCUMENT TYPE: Newspaper ISSN: 0890-5738

WORD COUNT: 1,170

California Farmers Reap Rewards from Growing Crops for Seeds

...County, the companies contract with farmers to grow a specified number of acres of a **particular seed crop** at prices established before planting .

After the harvest, the companies come to the farms to collect the seeds and package...see more of The Sacramento Bee, or to subscribe to the newspaper, go to [http:// www .sacbee.com](http://www.sacbee.com)

(c) 2000, The Sacramento Bee, Calif. Distributed by Knight Ridder/Tribune Business News...

11/3,K/5 (Item 2 from file: 995)

DIALOG(R)File 995:NewsRoom 2000

(c) 2003 The Dialog Corporation. All rts. reserv.

0053513143 151C0EUQ

US Cash Grain PM: Futures rally fails to rouse country movement

FWN FINANCIAL NEWS

Wednesday, April 12, 2000

JOURNAL CODE: ALMF LANGUAGE: ENGLISH RECORD TYPE: Fulltext

DOCUMENT TYPE: Newswire

WORD COUNT: 399

TEXT:

...of things that don't have anything to do with grain marketing--namely weather and **planting** ," said **one** Plains area **grain** buyer.

...in eastern Kansas putting local corn planting progress at 50% complete. "Fear is a great **motivator** , and **farmers** are all afraid that it will start raining, and then keep raining until the end...

...of next week, GWS said. End

Bridge News, Tel: (308) 946-9854 Send comments to **Internet** address:

EKD

July 1, 2003

grain@bridge.com

The Bridge ID for this story is 02729

(c) Copyright 2000...

STN

FILE 'CONFSCI, BIOCOMMERCE, BIOTECHNO, CABA, NUTRACEUT' ENTERED AT
17:21:46 ON 01 JUL 2003

L1 90986 S FARMER? OR PHARMER? OR AGRICULTURALIST? OR PLANTER# OR GROWE
L2 525586 S INCENTIVE? OR REWARD# OR MOTIVAT? OR PERK# OR PERQUISIT? OR B
L3 27346 S (ONE OR SPECIFIC OR PARTICULAR OR INDIVIDUAL? OR SINGULAR? OR
L4 39729 S INTERNET OR WEB OR ONLINE OR ELECTRONIC OR VIRTUAL OR CYBER O
L5 1 S L1 AND L2 AND L3 AND L4
L6 5 S L2 AND L3 AND L4

EKD

07/01/2003

STN

L5 ANSWER 1 OF 1 CABA COPYRIGHT 2003 CABI

AN-- 2002:180581 CABA--

DN 20023117565

TI Matching multitemporal yield and images data

AU Layrol, L.; Hedoin, E.; Lepoutre, D.; Francois, O.; Robert, P. C.

[EDITOR]; Rust, R. H. [EDITOR]; Larson, W. E. [EDITOR]

CS GEOSYS Inc., Plymouth, Minnesota, USA.

SO Proceedings of the 5th International Conference on Precision Agriculture, Bloomington, Minnesota, USA, 16-19 July, 2000, (2000) pp. 1-16. published as a CD. 15 ref.

Publisher: American Society of Agronomy. Madison

Meeting Info.: Proceedings of the 5th International Conference on Precision Agriculture, Bloomington, Minnesota, USA, 16-19 July, 2000.

CY United States

DT Book; Book Article; Conference Article

LA English

AB To delineate management zones on four experimental fields located in France, yield data and satellite images are successively used and the results compared. Yield maps are important source of information for site-specific crop management. However, several sources of systematic errors are generally induced through yield monitor devices. In addition, several layers of yield data need to be summarized in one decision support tool for practical use by decision-makers. This study focuses on developing a two-step approach to meet the previous needs. The data used for this purpose were collected from four fields with durum wheat, rye, wheat, rape and barley. The first step consists in a raw yield data pre-processing and mapping procedure, using a computerized application based on the "potential mapping" concept. However, in this application, the yield is assessed using the grain flow information rather than the mass and the header width. This procedure tends to smooth the data spatial distribution for management purposes and implements a correction for edge effects. Finally, this application uses a grid approach that eases overlay and analysis of different layers. The second step implies automated pattern recognition applied to three years of yield data and management zones were clearly delineated. With the help of the farmer, a rational explanation is given for most patterns, showing the importance of the classification result as a valuable management tool. Remote sensing data is another valuable source of information on field spatial variability. Based on two Spot and two Ikonos images acquired at different dates, several classifications were tested to 'match' the yield patterns. On this study, 42 to 60% overlap was achieved between both sources of information, which is very encouraging. Assessing rules to select and process optimal temporal image data sets will be the next goal of our research.

CC FF005; FF100 Plant Production; NN050 Computer and Electronic Systems

GT France

BT Brassica napus; Brassica; Brassicaceae; Capparidales; dicotyledons; angiosperms; Spermatophyta; plants; Western Europe; Europe; Mediterranean Region; Developed Countries; European Union Countries; OECD Countries; Hordeum; Poaceae; Cyperales; monocotyledons; Secale; Triticum

CT barley; crop yield; data processing; mapping; maps; monitoring; rape; remote sensing; rye; satellite imagery; spatial distribution; wheat

ORGN Brassica napus var. oleifera; Hordeum vulgare; Secale cereale; Triticum; Triticum aestivum

STN

L6 ANSWER 1 OF 5 CABA COPYRIGHT 2003 CABI

AN 2002:180581 CABA

DN 20023117565

TI Matching multitemporal yield and images data

AU Layrol, L.; Hedoin, E.; Lepoutre, D.; Francois, O.; Robert, P. C.

[EDITOR]; Rust, R. H. [EDITOR]; Larson, W. E. [EDITOR]

CS GEOSYS Inc., Plymouth, Minnesota, USA.

SO Proceedings of the 5th International Conference on Precision Agriculture, Bloomington, Minnesota, USA, 16-19 July, 2000, (2000) pp. 1-16. published as a CD. 15 ref.

Publisher: American Society of Agronomy. Madison

Meeting Info.: Proceedings of the 5th International Conference on Precision Agriculture, Bloomington, Minnesota, USA, 16-19 July, 2000.

CY United States

DT Book; Book Article; Conference Article

LA English

AB To delineate management zones on four experimental fields located in France, yield data and satellite images are successively used and the results compared. Yield maps are important source of information for site-specific crop management. However, several sources of systematic errors are generally induced through yield monitor devices. In addition, several layers of yield data need to be summarized in one decision support tool for practical use by decision-makers. This study focuses on developing a two-step approach to meet the previous needs. The data used for this purpose were collected from four fields with durum wheat, rye, wheat, rape and barley. The first step consists in a raw yield data pre-processing and mapping procedure, using a computerized application based on the "potential mapping" concept. However, in this application, the yield is assessed using the grain flow information rather than the mass and the header width. This procedure tends to smooth the data spatial distribution for management purposes and implements a correction for edge effects. Finally, this application uses a grid approach that eases overlay and analysis of different layers. The second step implies automated pattern recognition applied to three years of yield data and management zones were clearly delineated. With the help of the farmer, a rational explanation is given for most patterns, showing the importance of the classification result as a valuable management tool. Remote sensing data is another valuable source of information on field spatial variability. Based on two Spot and two Ikonos images acquired at different dates, several classifications were tested to 'match' the yield patterns. On this study, 42 to 60% overlap was achieved between both sources of information, which is very encouraging. Assessing rules to select and process optimal temporal image data sets will be the next goal of our research.

CC FF005; FF100 Plant Production; NN050 Computer and Electronic Systems

GT France

BT Brassica napus; Brassica; Brassicaceae; Capparidales; dicotyledons; angiosperms; Spermatophyta; plants; Western Europe; Europe; Mediterranean Region; Developed Countries; European Union Countries; OECD Countries; Hordeum; Poaceae; Cyperales; monocotyledons; Secale; Triticum

CT barley; crop yield; data processing; mapping; maps; monitoring; rape; remote sensing; rye; satellite imagery; spatial distribution; wheat

ORGN Brassica napus var. oleifera; Hordeum vulgare; Secale cereale; Triticum; Triticum aestivum

L6 ANSWER 2 OF 5 CABA COPYRIGHT 2003 CABI

AN 2002:169001 CABA

DN 20023123048

TI Simulation of insect movement with respect to plant architecture and

EKD 07/01/2003

STN

morphogenesis

Special-issue: Technologies for insect movement and migration research

AU Hanan, J.; Prusinkiewicz, P.; Zalucki, M.; Skirvin, D.

CS Centre for Plant Architecture Informatics, The University of Queensland, St. Lucia, Qld 4072, Australia.

SO Computers and Electronics in Agriculture, (2002) Vol. 35, No. 2/3, pp. 255-269. 26 ref.

ISSN: 0168-1699

DT Journal

LA English

AB Developments in computer and three dimensional (3D) digitizer technologies have made it possible to keep track of the broad range of data required to simulate an insect moving around or over the highly heterogeneous habitat of a plant's surface. Properties of plant parts vary within a complex canopy architecture, and insect damage can induce further changes that affect an animal's movements, development and likelihood of survival. Models of plant architectural development based on Lindenmayer systems (L-systems) serve as dynamic platforms for simulation of insect movement, providing an explicit model of the developing 3D structure of a plant as well as allowing physiological processes associated with plant growth and responses to damage to be described and simulated. Simple examples of the use of the L-system formalism to model insect movement, operating at different spatial scales from insects foraging on an individual plant to insects flying around plants in a field are presented. Such models can be used to explore questions about the consequences of changes in environmental architecture and configuration on host finding, exploitation and its population consequences. In effect this model is a 'virtual ecosystem' laboratory to address local as well as landscape-level questions pertinent to plant-insect interactions, taking plant architecture into account.

CC YY500; ZZ100 Mathematics and Statistics; ZZ332 Animal Ecology; ZZ900 Techniques and Methodology

CT canopy; computer software; crop damage; foraging; growth; host-seeking behaviour; interactions; landscape ecology; locomotion; mathematical models; models; morphogenesis; simulation models; survival; technology

L6 ANSWER 3 OF 5 CABA COPYRIGHT 2003 CABI

AN 2001:61360 CABA

DN 20003035827

TI Do herbivore-induced plant volatiles influence predator migration and local dynamics of herbivorous and predatory mites?

AU Pels, B.; Sabelis, M. W.

CS Section Population Biology, University of Amsterdam, Kruislaan 320, 1098 SM Amsterdam, Netherlands.

SO Experimental & Applied Acarology, (2000) Vol. 24, No. 5/6, pp. 427-440. 15 ref.

Meeting Info.: Special issue: Population biology of plant-inhabiting mites - Part 1. Proceedings of the 4th International Symposium on Population Dynamics of Plant-Inhabiting Mites held from 10-14 May 1999 in Kyoto, Japan.

ISSN: 0168-8162

DT Journal; Conference Article

LA English

AB If predators lack information on the prey's position, prey have more chance to escape predation and will therefore reach higher population densities. One of the many possible cues that predators may use to find their prey are herbivore-induced plant volatiles. Although their effects on the behaviour of foraging predators have been well studied, little is known about how these prey-related odours affect predator-prey

EKD

07/01/2003

STN

dynamics on a plant. We hypothesise that herbivore-induced plant volatiles provide the major cue eliciting predator arrestment on prey-infested leaves and that the response to these volatiles ultimately leads to lower prey densities. To test this hypothesis experimentally, we created two types of odour-saturated environments: one with herbivore-induced plant volatiles (treatment), and one with green-leaf volatiles (control). An odour-free environment could not be tested because herbivores require plants for population growth. We measured the rate at which predatory mites (*Phytoseiulus persimilis*) immigrate, emigrate and exploit a single leaf infested by two-spotted spider mites (*Tetranychus urticae*). The experiments did not show a significant difference between treatment and control. At best, there was a somewhat higher rate of predator (and possibly also prey) emigration in the treatment. The lack of a pronounced difference between treatment and control indicates that at the spatial scale of the experiments random searching for prey was as effective as directional searching. Alternatively, predators were arrested in the prey patch by responding not merely to herbivore-induced plant volatiles, but also to other prey-related cues, such as web and faeces. Based on our current experience we advocate to increase the spatial scale of the experiment (>1 m²) and we provide other suggestions for improving the set-up.

CC FF620; HH700 Other Control Measures; YY500; ZZ332 Animal Ecology

BT *Phytoseiulus*; *Phytoseiidae*; *Mesostigmata*; mites; *Acari*; *Arachnida*; arthropods; invertebrates; animals; *Tetranychus*; *Tetranychidae*; *Prostigmata*

CT migration; natural enemies; plant pests; predators; prey

ORGN *Phytoseiulus persimilis*; *Tetranychus urticae*

L6 ANSWER 4 OF 5 CABA COPYRIGHT 2003 CABI

AN 90:35046 CABA

DN 901611319

TI Evidence for genetic polymorphism in progeny of high-protein huskless mutants of barley demonstrated by hordein-spectra

AU Ponert, J.; Uhlik, J.

CS 160 00 Prague 6, Czechoslovakia.

SO Sbornik UVTIZ, Genetika a Slechteni, (1989) Vol. 25, No. 3, pp. 191-207. 12 ref.

DT Journal

LA English

SL Czech; Russian; German

AB A mixture of hordeins from the husked caryopses of the Czech spring barley cv. Atlas and from its M13 progeny obtained by mutagenic treatment with N-methyl-N-nitrosourea was separated by extraction and PAGE electrophoresis, followed by computerized densitometry. This method appeared suitable for identification and semiquantitative estimation of newly named individual hordeins. Spectra of hordeins belonging to the first main hordein group were used as markers. The technique allowed genetic polymorphism in the progeny of high-protein huskless mutants originating from individual M13 plants to be confirmed. Possible causes of polymorphism are thought to be multiple simultaneous or consecutive mutations and the tendency for inflorescences to open during the early mutant generations.

CC FF020 Plant Breeding and Genetics; FF040 Plant Composition; WW000 Biotechnology

BT *Hordeum*; *Gramineae*; *Cyperales*; monocotyledons; angiosperms; *Spermatophyta*; plants

CT Barley; PAGE; Densitometry; Plant composition; Biotechnology; induced mutations; hordein; polymorphism; Electrophoresis; cereals

ORGN *Hordeum vulgare*; *Hordeum*

EKD 07/01/2003

STN

L6 ANSWER 5 OF 5 CABA COPYRIGHT 2003 CABI
AN 89:51996 CABA
DN 892440590
TI The problem of quality grading in horticultural crops: an ergonomics perspective
AU Miller, K.
CS AFRC Inst. Engineering Res., Wrest Park, Silsoe, Bedford MK45 4HS, UK.
SO (1989) pp. 74-79. 3 ref.
Publisher: Taylor and Francis. London
Meeting Info.: Contemporary Ergonomics 1989. Proceedings of the Ergonomics Society's Annual Conference, Reading, UK, 3-7 April 1989.
ISBN: 0-85066-484-5
CY United Kingdom
DT Conference Article
LA English
AB The potential for improving quality control during the grading of horticultural crops is examined. Problems encountered on packhouse grading lines are considered: some crops (e.g. carrots and onions) can be mechanically cleaned and sized, others (e.g. calabrese, cabbage and cauliflower) must be handled manually; some characteristics (e.g. size, whether intact or rotting) are easily perceived, others (e.g. colour differentiation) are less easily judged. Other factors include the great variation in crop quality, the non-permanence of grading staff and the adverse working environment. Research work currently being carried out into the handling and grading of 2 **specific crops** (cauliflowers and onions) is reported. The study encompasses the implementation of training programmes, improving the working environment, increasing **motivation** and applying **electronic** technology to the tasks of colour differentiation and determination of bruising severity.
CC NN460 Cleaning, Grading, Transport and Handling Equipment (Animal and Plant); ZZ900 Techniques and Methodology; QQ110 Food Storage and Preservation; NN100 Ergonomics and Safety
BT Apiales; dicotyledons; angiosperms; Spermatophyta; plants; Liliales; monocotyledons; Capparidales; Brassica oleracea; Brassica; Cruciferae; Alliaceae; Daucus; Umbelliferae
CT Horticultural crops; grading; ergonomics; Cauliflowers; Onions; Quality standards; techniques; Carrots; Broccoli; Cabbages; vegetables; root crops
ST Contemporary ergonomics 1989
ORGN Umbelliferae; Alliaceae; Cruciferae; Brassica oleracea var. botrytis; Allium; Daucus carota; Brassica oleracea; Brassica oleracea var. capitata